

gggatttact	tgtagtggca	agacagactt	tttatcaata	cagaataaat	attaacagca	180
ttcgtgagcc	aatgttgaga	cccaacaaaa	tgtaggaatc	aagcatgatg	taagaaataa	240
ttatccagag	aaaaagatgg	tgtattctcg	gatgataaga	ctgtctttgt	aaactgggtgc	300
atatcaatta	gtcccatcct	cacagctcac	cttcaaacca	cagggcttgt	ttctggctat	360
gttaaaggac	catcctctga	ggaaagcaga	ggagaggaac	tccattatcc	ttacagtga	420
acgcaaccac	tgcagaaaaa	ctccactgg	aaatagaaca	cagtttaata	agtagattgg	480
atatgatcta	actataaaat	ttaggtacca	gagtaagtgt	acatgtggca	ggcccggaaa	540
aaaatcatgg	canttttctt	atccct				566

<210> 5955

<211> 564

<212> DNA

<213> Homo sapiens

<400> 5955

gaacaagagt	aacctatatt	ttgggagttg	gtgtgcaata	aggctaaaac	aaccaaatta	60
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acttatgtta	atgccttact	aagctacaca	tatgtaaata	gtatgttttc	ttgctaatat	180
attaaatcca	atagaatcat	taagttctca	ttctcctttg	tgacttgtaa	ctttatcaga	240
taatttaatg	atgaaagcat	atgccccaaac	ctgcagatca	tatgtactgt	catctattac	300
aaccagaatt	ctcctcacat	ttcatTTTTT	ttaaaggaa	attgagaata	cctgcaacat	360
cgttaaagag	aatgtttag	tgtgaataaa	aactagaact	cagtggctca	tgaagtatgt	420
attatTTTgg	caagtgattt	tttccttcct	aagaataaga	tgaacatgtc	caaattgtcc	480
tngccaact	tccagatccn	gaagtatnca	ggcttcattt	cctcaatgnc	ccaattagac	540
cggctagtn	aaccgaatca	attt				564

<210> 5956

<211> 565

<212> DNA

<213> Homo sapiens

<400> 5956

gagctggagt	ttcactctta	ttgcccaggc	tggagtgcaa	tggcgtgato	tctgctcact	60
gcagcctccg	cctcccgggt	tcaagtgatt	ctcctgcctc	agcctcctga	gtagctgcga	120
ttagaggcac	ccaccaccac	gcccggctag	tttttttatt	tttagtagag	acgggatttc	180
accatgttgg	tcaggctgg	ctcgaactcc	tgaccttagg	caatccaccc	acctcgaact	240
cccaaagtgc	tgggattaca	ggcatgagcc	actgtgcctg	gcctgctcat	ttctttttta	300
caatgaaaaa	tgttccactc	tctggatata	ccacagtta	tttttccatt	cacctactga	360
aagacatctt	ggttgctttc	aaattttggc	aattatgact	gaaactctta	aaaatatcca	420
tgtgtgggtt	cgtttttttt	gtgtgtgtgt	taagttttca	actcatttgg	gtaaatacca	480
aggagtatca	ttactggatc	atatggtaag	aagtccttca	gntttaagag	aaacttctat	540
ctggcttcca	agganctgga	atgaa				565

<210> 5957

<211> 562

<212> DNA

<213> Homo sapiens

<400> 5957

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tcattttgac	tgtcttataa	ctgggataag	ggtgcagcaa	caattctgcc	anatggttaa	180
atgccccaga	ggattttctgc	tcttctcttc	ctaatttggg	agctataaag	cagttttttac	240
tcccaacaca	aattcttgat	aaaaaccata	ctctttgctg	atTTTTcatg	ttagacatta	300
aggatgacat	gcaagtaaaa	aaaaaaaaaa	aaaagtagcc	ctgataccaa	gttaatatct	360
ccttgaaacc	ttacttggct	gctaaatttc	tttgttgaaa	accaacttat	aacaaaattg	420
ttatccggtt	agctTTTTtc	cctTTTTctt	ccattttctt	cttgctccct	ctttctctta	480
ctttttcctt	ttggcatgnt	taattagaga	acattttcta	taaggcntta	ttaagaataa	540
ttggccttaa	ggaatgatgg	an				562

<210> 5958

<211> 567

<212> DNA

<213> Homo sapiens

<400> 5958

ggtaaacc	ctccatcg	atacattt	ctgcaa	tgtaca	tgcc	60
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aaaaaaga	tcatttgc	catcaatt	cagcaa	tgtggga	aaaaaa	180
gatggatt	tttgggga	gtatccatt	ttttaaat	gtgtgcact	cagattac	240
acttatatta	actggctact	gcaggcag	ctaaaga	ggggtgtact	atgctttact	300
aatagaaata	cctcttttgc	gggggaggg	agtgcctt	aatagaaatt	acccactctg	360
agttacagct	ttagtggcat	attaatggg	atttaaat	acagtaaaaa	caaaaaacaa	420
aacaaaaaca	aacctattcc	aattatgaca	aatctat	tttttaaaac	ctatcttaga	480
tagaccatct	tcctacgata	agatggcaga	acagaatgtc	aggaaganaa	ggttggtctg	540
aaaaagggt	tctggccang	aaacctt				567

<210> 5959

<211> 546

<212> DNA

<213> Homo sapiens

<400> 5959

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tacaggcaca	cactaccatg	ctcgaccaat	tttttgn	tttttggtag	anacagggtt	180
tcaccatgtt	ggccaggctg	gttttgaact	cctgacctca	ggngatccgt	ccacctcagc	240
ctcccaaagt	gctggattac	aggcatgagc	cactgngccc	agccctttca	cagatttttt	300
aaactcattt	agttgggttt	ctntaagaag	caacaaaata	aatattgcaa	aggaactgna	360
tattaatat	acaagtatat	gcaaatttgg	agtatccagg	tagtagggaa	agaggataaa	420
tactgaaaat	aaacaatcca	aatgtttttg	ggataaagat	cttgacagn	ctatgaactc	480
attcttaatc	tcaagctact	tggtctnacc	attcgtttct	tggaacant	tggaatggaac	540
nggaac						546

<210> 5960

<211> 553

09629459.072800

<212> DNA

<213> Homo sapiens

<400> 5960

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nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	180
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	240
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	300
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	360
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	420
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	480
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	540
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<210> 5961

<211> 556

<212> DNA

<213> Homo sapiens

<400> 5961

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aaactagttc	tttcaaaaag	agctctgaat	tctgtctctg	gtagaaaagt	gtgaacaatt	120
ctcagaactt	gggacatgat	ttttcttctc	tctcacttct	tataagcaga	tgcccccctt	180
cagggcattt	tcaggttgca	caggcagaac	taagtgagaa	atacggctcc	agaggccatt	240
cagtttgtct	gggtccatat	gattgtagga	gttgggtgtg	ttagaattgg	tgaacttgac	300
tttaagaaaa	tctcttactt	tttcttcaac	ttccttttagg	cctagacttg	ttccaagtgt	360
ctcttcctcc	aataagacag	tcaggactaa	ggctacatct	ttgaaggctg	cgttttcatg	420
gtcacaaat	ttgtagaaga	tcaaagtnaa	cctgcgggaa	atgctcaaaa	cggngaccac	480
actgcattct	gggccattct	taaaccatt	ggtcantctt	gggctacccc	tagtttggca	540
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<210> 5962

<211> 557

<212> DNA

<213> Homo sapiens

<400> 5962

gagtcttgct	ctgttaccca	ggctggaatg	caatggcacg	ttcccggctc	actgcaacct	60
ccacctccca	ggttcaagcg	attttcatac	ctcagtcacc	cgagtagctg	ggattacagg	120
tgtgcgccat	cacacctggc	aaatttctgt	attttttagca	gagacggggt	ttcaccatgt	180
tggccaggct	ggtctcaaac	tcctgacctc	aggtgacctg	ctcgccctcag	cctcctaaag	240
tgctgggatc	acaagcgtaa	gccactgcgc	ccggccctagg	aggcttctaa	taaagattct	300
atcactccta	agaaggccta	gagacatgat	caggccctaga	cctgctgatg	attaccttgg	360
tatgggtgtga	taatgaagtc	cacactgagg	atgacagagc	tgagatgaag	aaaatctgga	420
tctttgcttg	gctcagttga	gtctctcgag	tctgctctac	catggggctt	cttaagtaaa	480
atatatcctt	ttttggtaga	aacagtgtct	tgctntgggc	caagntgaat	gontggngca	540
aacnttngnt	aattgga					557

<210> 5963
<211> 576
<212> DNA
<213> Homo sapiens

<400> 5963
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caacctccac ctcccagggt caaacgattc tcctgcctca gcctcccagag tagctgggac 120
tacaggggac tacagggtgt tgccaccatg cccagctaata ttttttggtg ttttttagtgg 180
agacgagggt tcaccgtgtt ggccaggatg gtctcgatct cctgacctcg tgatccgcct 240
gcctcagcct cccaaagtgt tgggattaca ggcatgagct gccgcacccg gccaaattct 300
tttaattcct tagacacagg ttagaggggg aacaatgctt aaaattccat ggaactaaga 360
tttttttttt atttttatnt ttttgagaca gagtcttgct ttgttgccca ggctggagtg 420
cagtggcaca atctcagctc actgcaacct ctgcctcctg ggttcaaagc aattctcctg 480
cctcagctnc caagtagctg ggactacagg caccaccac acacttaagt aatttttaac 540
nttagtanaa acgggggttca catgttggnc nccctg 576

<210> 5964
<211> 557
<212> DNA
<213> Homo sapiens

<400> 5964
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tacaggcgtg cgtcaccacg cgtggctaaa tttgtatntt tagtagacac agggtttcac 180
catgttggtc aggctggtct caaactcctg acctcaagt atccaccctc cttgacctat 240
ctcagtgtg ggattacagg cgtgagccac acctggctgc cttttaactg ttctgataag 300
caaactctac agttaaaacc aatttttgtg tgcactaaaa ataccaactt cctcatcaaa 360
atctacaaag taccatgtga aatgaaatgg catgaagaca acagtaagaa aactgtagct 420
ataactcaga aaaagaatag ctngatgca tacatagttg gaaaatgcat aagacaaatc 480
tgaagagaag tngaaaatna aagaattctc ttttttttaa aanggggttn ccttttgng 540
gccanactgg antgcaa 557

<210> 5965
<211> 576
<212> DNA
<213> Homo sapiens

<400> 5965
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tatctgtagc agcaagtttt cttatgattc attattcttc ttcttacagc tttaaatcat 120
ctaggaactt catataaaat ttaattccag tttcaactag ttgtggagca tttgatccaa 180
aataaaaatga aagtcctctc tgaagtgtga gaggagactc aagaatcaga acaacctgaa 240
gttctttaag ctgtcagttg aaggactagg taaaaaacia atatcattta gtgtgatcat 300
taatgcacat gagtcattat tccatgttgt tgctgtcgac tggtcagggg cacttcaagc 360
cctaattctgt actttgtcct gtctctctac accctgttct actttttcag cttgttgcct 420

09629469.072300

gtaatatgtg	aatggaaata	aaataatcaa	gcttggttaga	attgngttca	taacgacaca	480
aaagacctga	gagaatgtaa	gaacctntag	aacatncaaa	ataagacata	tttttggtgg	540
gttaaaanct	tttgggtggg	tcattttctc	gggctn			576

<210> 5966

<211> 574

<212> DNA

<213> Homo sapiens

<400> 5966

aaattagaca	aacctggcag	atagcgtgag	aaagaaaata	tctgaattag	catagccagt	60
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actttatgcc	tccctgacat	cttggtgcata	tgagtttggg	ttctgaatgg	attattggag	180
catttttaag	gttgggtgtc	tcaatctttt	aagagtgcag	agcatgagga	gtggctggca	240
tccacacctg	aagcaacct	ttctgtgatc	ccacagcttt	ggatgccaaa	gcagctgctc	300
agcgtgacac	gaagaatcag	tccagaaagc	tgccacagac	cctctccatg	agatttttaa	360
aaaaccactt	ttgttttctg	agtaataaaa	gaaaccccag	taatattagg	gacatggatg	420
ttagtacagt	aattaccaca	cattgaaaat	attgttcagc	aggaaaagta	aaactttcaa	480
aaaatttctt	aaagatccta	tttaataaat	aattttgatt	aanggacct	tatgcaaact	540
tggaccaant	actgaaactc	cactggtggg	gaaa			574

<210> 5967

<211> 573

<212> DNA

<213> Homo sapiens

<400> 5967

gagatggaat	ctcgtgtgtg	cccagggtag	agtgcagtgg	tgcaatcaca	gttcaactgca	60
gcctcgacct	ccaaggtgag	agcgatcctc	ccacctcagc	ctcccaggta	gctgggacta	120
caggcatgca	ccatgatacc	tggttaactt	ttataaaatt	ttttttaga	gatggggctc	180
tgctatatgt	cccagactgg	tcctgaattc	ctgggtcaca	gcaatcctcc	caccttagcc	240
tcccagaatg	ctgaaattac	aggtgtgatc	cactgtgccc	tgctcactg	aaacttttaa	300
atcataaaat	tatctgcatt	ctgtatgttc	cttgagcaca	tagatacact	ttttcatcaa	360
tggggacaca	ttcctactat	aaggctgaga	aaagagaagg	gagttcaata	cttactgaat	420
aaatgtaggc	ataaacctca	ctacctgttt	caaaggcctc	attatttcct	tctctaagac	480
aaatccngag	cactttgcag	ncattataga	cttctnttaa	acaacctgga	gcctaaanat	540
aggggtaagg	ggtggacttt	gattgaaaaa	aac			573

<210> 5968

<211> 574

<212> DNA

<213> Homo sapiens

<400> 5968

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cttgattagg	agcatttttaa	tcacgaagcc	aacacatgtt	actgcgtatc	tgtttaaaat	120
ctggtagtgt	cttaaatggga	ccaacagcag	caatagctgg	actcctatta	taagtgtatt	180
tggtagacac	ttctcgaatt	gtctcagcat	tcacagcatc	aattcttgct	tcaagctcag	240

ggatgggaat	ccttctatta	tagcataaca	tttgcctacc	aatatcttca	caaattggag	300
ttgaaccatc	aagctgcaac	aacatgtttg	ttttcagaag	atttctggct	cgtgcaacct	360
cactttctgt	gacacttgta	cagagtcgca	tccattcttt	ttgaacaaca	tgtagcatgt	420
ctgcaacagt	ggatgattca	caaaccatat	acagtcccca	taatcctgna	tctgnntag	480
aagtgttgaa	agactgaaaa	gctntggcaa	agatggcatg	acaagtganc	tgggccactt	540
gctanaaaat	cattcttccc	caaaagagcg	atcc			574

<210> 5969

<211> 419

<212> DNA

<213> Homo sapiens

<400> 5969

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tgccatgtag	gcgactccaa	cacttcagga	atacaaagct	ctgaaaagag	gttatgtanc	120
aaagctcatt	ttcattcaca	ttgataatag	gncanacaca	tttttgaaga	aaaaaatgga	180
cagagcgtaa	aggataacag	agtacacatt	ttcattttct	atgatgaaaa	ggaattttta	240
aaattggctg	ttgnacataa	aaactttttt	tttaaaccac	acaacctaga	attaaatgga	300
gtaaaatgtg	agaagcccc	cttttttcc	ccttcagcag	acaaaaccgc	tgncaatagc	360
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<210> 5970

<211> 457

<212> DNA

<213> Homo sapiens

<400> 5970

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tcctgcttca	gcctacctaa	cagttgggat	ttcaagcatg	tggcactgca	ctcagcccca	120
ggaggctttc	tgaaggaagt	gatgacaaag	gtagattttg	agaataaaga	aacaaggtag	180
cgggctggac	acgggtggctc	acgcctgnaa	tctcagcact	ctgggaggcc	gaggcgggtg	240
gatcacctga	ggtcaggaga	cgggcctgac	caacaagggtg	aaaccccgnc	tntactaaaa	300
atacaaaaat	tagccgggtg	tggcagcatg	cgcctgtaat	cccagctact	cgggaggcta	360
agacnggaga	attgnttgaa	cccggggaggc	agaggttgca	gtgagctgag	attggcacca	420
ctgnactgca	nnctgggcan	caagcgagac	tgtctna			457

<210> 5971

<211> 424

<212> DNA

<213> Homo sapiens

<400> 5971

gtagctcaaa	gggctttgca	aaattttta	atattaaaa	aagaggcatc	tgctagaaaa	60
cattctattg	tataaaaccc	gagttcttaa	aaacatgttt	tctttggcac	tttattcccc	120
tccctcccct	ttccccagca	tattgcaaaa	agctctccag	tgctaaggca	ttggcagggt	180
gtgtaaacag	cagccagcat	atgtggaaga	ataatacaaa	gctttttttt	ttcttcta	240
atgtctgtgc	agcaagcata	aataacagga	cccatcccaa	ggagtgtgtg	tgggttttcc	300
ccctnccctg	tgtcctctgt	caccttggtg	atgaggccac	cagtgtgtgtg	aagactggna	360

gggaacccta ggtcanacct tggttncctg ttgntcttcc cnagacccan ggttccctng 420
gttt 424

<210> 5972

<211> 574

<212> DNA

<213> Homo sapiens

<400> 5972

ccagtgtttt	gcagtagaac	agggttccta	ccatcacctc	ccttaggttt	aaaaaaccca	60
aaacacaagt	ctgctgtgag	tccttcagca	tcagtagtgt	gagtgatctg	agtctggaat	120
accactgtct	ctgtagcttc	ggttactact	gctttcactg	tgattgtttt	tgtacagatt	180
cattccatta	ggaggaaata	tgggtgtgat	tacaaactcc	tccttcgaga	tgggttcatt	240
gcttattggt	aacatctgaa	aagaagtttc	cctgatttcc	aggatagagt	tgctcttctt	300
agtgccagct	tctgcatagt	catcctttct	tctcctccct	ttgctatatg	cacaagttcc	360
ttgagaagag	cgatccattc	ctatgaacat	accaacacac	taaagcaaga	agggcaatgg	420
taaccagggc	cacagcccca	ccaatgatgg	cagccaangn	naaatggggg	ttttgnaagg	480
tcttgctttg	gctctcaatg	anggtgggtg	gaaggttgac	anttcaaagg	ggtgcaagtt	540
taagcttnaa	tccaaccggg	agttcattna	atag			574

<210> 5973

<211> 570

<212> DNA

<213> Homo sapiens

<400> 5973

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cctcccgcct	cagcctccca	aagtgtctggg	attttaggcg	tgagccactg	cgcctgcctt	120
actcctactg	tacttaaggc	atcataacat	ccagaccatc	atgggccagg	ctgctctgcc	180
ttacacttcc	atttcattct	taacatgtga	cacaagatga	aacacaacat	acttctgaac	240
ctgcacctca	gagattgcta	gagctgagct	tgcagattac	atggatcatt	ttgtgattgt	300
tgaaaaggcc	tccccttctt	ctgccttagg	tatattctac	ctttgaaggc	agatttcttc	360
aggttaaaat	atgatataat	caggagtccc	ctgttaaaaa	cccaaataat	tctgaaaggc	420
atactgnntt	aagcttctag	aaccagtata	aattgattta	ttcagcaact	tttggactta	480
gacctggatt	ctaactctga	ctttggcaat	ttctaactgn	aaaactgcaa	taaaatatta	540
accttctgac	atgaaggaat	tagtaanaag				570

<210> 5974

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5974

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cgggtgggaga	gcaggagacc	agagattatt	acagaatcaa	cctgacaata	acctagacaa	120
ggaataggag	gctgttcacc	accaccaaga	gttccagtgc	attttgctgt	ccttactgat	180
aggccatatt	tcaccttctt	acaacagaaa	tatcatcaga	gactttatca	aaaactaggc	240
tgaatccat	atatacgaca	ttcatagcat	tttattgatc	caagtccagt	atttacatga	300

ctgctttgtt	cattttgagg	agtatatgtt	tataaatata	tattaaatat	ggaattctac	360
actctaagta	ataaagaagg	tttctagaaa	gaaaggaatg	tctgcaatta	gttttcctct	420
aagccaggac	tattgaaaac	tatgccattt	tgattctctg	ctcatttagg	aaacagacca	480
angacggaat	attttaaaag	tcaataatta	aangggcaat	cacttatatt	gcccccttta	540
aatcccagaa	ctggactttt	caagtattaa	cattag			576

<210> 5975

<211> 573

<212> DNA

<213> Homo sapiens

<400> 5975

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gtagggatgg	ccactgcgc	tggctaactt	ttgtattttc	agtagggaag	ggtgagtcag	180
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aaagttaagg	gattacaggc	ctgagccact	gtgcctggcc	taaaattttt	catttttcat	300
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gatctttaac	tacacacaca	cacccctgcc	caagggtaca	gttctacttt	ctactagtag	420
taactctcct	tttccacttt	aattttgagg	aaaattattt	acacagctga	cccttgaaca	480
cangnttgaa	atgtgtnggg	tccacttaca	tatatgggat	ttttttcaat	aaaaattttt	540
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<210> 5976

<211> 573

<212> DNA

<213> Homo sapiens

<400> 5976

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tacaggcacc	caccaccacg	cctggctgat	tttttgtatt	tttagtagag	atggggtttc	180
accgtgttag	ccaggatggt	cttgatctcc	tgacctcatg	atccgcctgc	cttggcctcc	240
caaagtgtg	ggattacagg	cgcaagccac	cgcgcccggc	ccattaatgg	gcattttttt	300
taaggccact	gtcctaaatc	taaggaatat	gaatttttat	agatagtcac	gatttttttc	360
tgcacattca	atgaacagta	ttaggtacct	actgggttgt	atactgggca	ggattcaaag	420
atagacaatt	catatttccc	accctcaatt	agcttaaaat	ctaataataa	taccatagat	480
naacagttaa	ccaaaataca	gcaatcgagc	ttcaantgt	gaacatgttg	caaataccaa	540
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<210> 5977

<211> 552

<212> DNA

<213> Homo sapiens

<400> 5977

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caaataaaaac	aaatattttct	ttcatagnn	gggcatccaa	ctttagataa	tctggaaaaa	180
aatcactnta	gcccctgaat	accatgatgt	gcatgatgtg	caaaatgaaa	gtatcaccca	240
aaatattttc	aaagctaaaa	agaaaaatatt	taaattcaaa	tactttaacc	aaattggaaa	300
tgcaaacagt	acacttagag	tcaccccttag	ccagctgttc	tccaaacaaa	agatcgagaa	360
acaaaaccaa	gaaccaatgt	aaaaaagaaa	aggtttatct	agaaaactgg	aagctcatca	420
aagtccattc	ttcttctgat	tctggctctg	gtcagcattt	ttagaagtcc	acttttgagg	480
agcaaagcct	ttaagtctag	attaaccanc	cggatgga	ggctaattcn	ttccacgatg	540
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<210> 5978

<211> 562

<212> DNA

<213> Homo sapiens

<400> 5978

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ctttgctttt	ataaagtcca	cgataacaat	acttaaagtc	actttttttt	tcctgngata	180
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caaaagggtt	cttctgcgct	tttccaattc	cccttcactc	agttcgctgc	cagaagtgtc	360
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ttgnctaagt	tctgnctttt	tcactttccc	gatctttttc	tttttttata	cttctctcgc	480
tcagcatcgg	atcttggaaa	agcagattaa	ggcctctctt	cttactttct	totaagcctt	540
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<210> 5979

<211> 472

<212> DNA

<213> Homo sapiens

<400> 5979

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catgttatca	acaggcatgt	ccccagggtg	aggctcccca	cccgggaccc	aacttgggtc	180
gttacaaaa	ggggacnaag	gcgggaggaa	gcccagtgct	accaggtggg	accgggtgcc	240
gggcctgttg	gggtgtcctc	gcagccccc	tananaagg	gcgtgcggaa	atggatcttc	300
ttggctgttt	ccacgtcgga	cttcgcgacc	aggaaccgca	tcttcttccc	gocatgacgg	360
atcaggtcca	cagctntcag	gtagccaagg	cccaggaggc	tgctgccatt	caccttcagg	420
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<210> 5980

<211> 456

<212> DNA

<213> Homo sapiens

<400> 5980

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tcatccattg	atctttgcct	aaatcagtta	ctttgttagc	agttgcaaaa	tagcaacttt	180
ataattctgt	cattcctgcc	actttgctag	aattcctcag	aatctaggaa	tatgcatcaa	240
attttttagca	tgcatatttg	attttataaa	gatttgtaat	attaatcaga	actcctactc	300
atgtcctcaa	tgatactaag	acattagaat	taatggtcac	ccaggagaat	ggcgtgaacc	360
cgggagatgg	agcttgagc	gagcccgaga	taagtgcctc	tggacttcaa	cctgggcgat	420
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<210> 5981

<211> 517

<212> DNA

<213> Homo sapiens

<400> 5981

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agtctggagt	ggggaatggg	gtagtttgga	accacatgac	tgagtttgag	gggtgcccct	180
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aggtaggagg	agaggggaca	ctggagtctg	gagccctagg	tgaggggtgg	ttaacctctg	360
tgtgtgtgca	tacatgcaca	ctcacacaca	cataccacac	aaagacaagc	ttgtgcacac	420
accatacgca	taacttggct	tttananata	ggtcanangg	tanggggaagt	gaanggactg	480
gggttaaata	aggcnccttg	gacggggcca	accttgg			517

<210> 5982

<211> 569

<212> DNA

<213> Homo sapiens

<400> 5982

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gaggctggcc	aagcaggcag	cagcctcaag	gggagtgggt	aggagctggg	ggccttcttg	180
cagccctact	cagaggatga	tctggtttgt	gaagcttcgg	ctcagctcct	tgtgtggcag	240
aacaatcgag	ttcaggatga	gcacctcggc	agggatccgg	actcggcagc	ccaggatggt	300
gatagcaggc	agcagcttcc	cgtccttgaa	gaggctctca	ctgtccatgc	gggctcgggg	360
atcgttgggg	ttagggtcac	tgggggtacc	ctccacgcgg	gccagcgtc	ccacggtgct	420
tccccagccc	acgatgctat	gcagaacaca	cgtgtgctcc	tgcaaagtgg	cttcatggag	480
gacaatcttt	tccggagccg	acaccttaac	cacggtaacc	ccttcccaat	gaaacttttg	540
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<210> 5983

<211> 566

<212> DNA

<213> Homo sapiens

<400> 5983

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caagctccac	ctcccgggtt	caggccattc	tcctgcctca	gcctcccag	tagctgggac	120
tacaggcgt	tgccaccacg	cctggcta	tttttgnat	ttttagtaga	nacgggggtt	180
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ttacatatt	cacccttttc	tcttcttgct	tgctgtttct	gacaagaagg	ctgtaattct	360
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gttngccttt	gggtttctac	aagttggaat	atgatatatg	taaggggtgg	attttttttt	480
naagatggat	ccaattgggg	gtctctaact	tactgaaccc	gggnttgggn	cngccttact	540
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<210> 5984

<211> 586

<212> DNA

<213> Homo sapiens

<400> 5984

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taacatggat	ttcttcaaca	ggaaagattc	agtacatgac	agtagttttc	aaatacagtc	180
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ttgccttctt	ctccttcttt	agcctctttt	gaactatggc	tctattcttt	tgttccatag	420
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agctcaagtt	ttttccagtt	ggacctggtt	ctcttgactc	tggcattatc	taatggcaac	540
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<210> 5985

<211> 480

<212> DNA

<213> Homo sapiens

<400> 5985

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aagtgatcct	cccacctcag	ccccacaagt	aactgggact	acatgcacac	accaccacat	360
ctggctaatt	tttgnattcc	ttttagagac	caggttttgc	catgttgccc	aagctggctt	420
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<210> 5986

<211> 471

<212> DNA

<213> Homo sapiens

<400> 5986

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aagtcctagg	attataggng	tgagccacct	tacctggcca	aaaaaaaaaa	aaagccattt	300
tttaataaga	aaaaaatctn	tacctccaaa	agctggtatg	atatattggg	gaaaaaagtt	360
ggctctggct	cttanacctg	cctccatttt	tttttctttg	aagaaattaa	atggggtttt	420
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<210> 5987

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5987

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gcacgtattt	gtgccaacag	agctgaggga	cttgagtaat	tcaagaggct	aggggttggg	240
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ttttccagaa	gggaacttct	ggaaaaagaa	caaataacac	tatgcttaaa	atattattca	480
catattagag	aagaaaggaa	ccttaaaaatn	gcngaagaac	ctggattncn	tggatcccgg	540
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<210> 5988

<211> 582

<212> DNA

<213> Homo sapiens

<400> 5988

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aagagacttc	cagtcaacag	aagaccaaga	aggaagatcc	ctcaacaaaa	agtatctcca	180
cagaattgga	tctcttacag	tttcattcca	ataatgattt	gtacttccca	actgacacag	240
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gcagcaggta	ggaaaaagga	atgaagaaaa	tagtttttgg	gtgataaacc	acataatcaa	360
caaataaata	acaaaaggtc	aactgactag	tatttttaat	aactaaatct	accattaata	420
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cgaagttagt	naacaattna	attcttgtaa	ccacctggaa	catttctgga	aaaaccaacc	540
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<210> 5989

<211> 572

<212> DNA

<213> Homo sapiens

05629469.072800

<400> 5989

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ctacaggcac	ctgccgntat	gcccanaata	tttttttttc	tgtattgtaa	gtaganacag	180
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catatgggta	gnggtcacaa	tttcaatttt	ccataaatng	gggttttttt	tacatttggg	540
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<210> 5990

<211> 547

<212> DNA

<213> Homo sapiens

<400> 5990

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<210> 5991

<211> 604

<212> DNA

<213> Homo sapiens

<400> 5991

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acttacatgg	aaagggaaca	caaaatccat	ttttatatac	ataaaaacaa	aacacccaaa	180
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nccc						604

<210> 5992

<211> 592
<212> DNA
<213> Homo sapiens

<400> 5992

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<210> 5993
<211> 594
<212> DNA
<213> Homo sapiens

<400> 5993

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cttttctacc	acactggatt	aaataaaact	gtcaaaatat	ggttttgtca	ttttctgaga	180
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ccaggctttc	cttttcctca	tctgtagtaa	agtttcangt	ccttgacaga	aatagctggg	480
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<210> 5994
<211> 589
<212> DNA
<213> Homo sapiens

<400> 5994

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agaacactca	ctgacagtgt	ggccatgctc	attctttaag	ccttaattta	ggtcccat	180
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aatacctgg	ataccggacc	caatatctgc	tgattgatct	aacctaaatg	aatacaaaac	420
atttcagaaa	aagatatata	atagaccaca	tatccaggtc	atgaaaatta	agctttcang	480
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0092240" 69462960

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<210> 5995
<211> 342
<212> DNA
<213> Homo sapiens

<400> 5995
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gccaggctgg tcttaaaactc ctgacctcaa atgatatgcc tgccttggac tcccaaagtg 240
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<210> 5996
<211> 577
<212> DNA
<213> Homo sapiens

<400> 5996
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tctgggcaaa cttctcnaaa gcccggtgcaa ggccaaaagnc agatatttta gcantaaaag 240
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gaaaattgat gccattagct gcaccctgag caatcttgca tctcatgtgc caagaaagtg 360
gtggagtacc atccaagcaa gagagtctgt ctagcantga accgttaggc atgtaaacat 420
atactaagca gaggtcatct ccatcacttg agaaaccaag tagttctact aagttttcat 480
gttgacactt tgccattact ttnattcttg atcaaactng ctggttcaag tcttttagtag 540
nantgncaac ccattggttg caagcttntt actggnc 577

<210> 5997
<211> 599
<212> DNA
<213> Homo sapiens

<400> 5997
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<210> 5998
<211> 543
<212> DNA
<213> Homo sapiens

<400> 5998
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caccatcttg gccaggtttg tctcaaaactc ctgacctcgt gaccaccca ccttggcctc 240
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gggtcagttc actaagccat tcattcgagg tccacatcat gcctctataa atcccttcct 360
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ccaagaagca nanttaaaaaa gttgcaactc gccttgaagc ttnaatgtta aaggaaattn 480
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tnc 543

<210> 5999
<211> 279
<212> DNA
<213> Homo sapiens

<400> 5999
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aatattcctt ctaactctcc cctctacctc aattcccttc agaggtaaca cagcaaaaaa 180
aaaactgggg aaaagcaaac aactttccag acctctacta ttctaaaaca caaagagcat 240
tacagcttgc tatgcatttt tttttttggg ggnnnnnnn 279

<210> 6000
<211> 548
<212> DNA
<213> Homo sapiens

<400> 6000
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gtaacctcca cctcctgggt tcaagcaatt ctctgcctc aacctcctga gtagctggga 120
ttacaggcat gcaccaccat gccagattt ttctgcatta ttattattat tattatttgt 180
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ccaattttta agatatatta tccatgcttt aaaacttttg gaaaatattt taactcagag 420
atgtctacat tctctggatt ttcatatta attcaatatg atgtacagta aaggaaattt 480
atggatcacc tatattcatt ttctgcttg ggctttaagg nacaaagaca tttcggagtt 540
naaccggg 548

<210> 6001

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<211> 536
<212> DNA
<213> Homo sapiens

<400> 6001
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gcagcccaag tcctgtagggt gcttgccgtc tctgaagccc caggaacatc agtgcaagaa 300
ggaagagact gctggcaaag atgactccca aggctgttct ccgctctgggt gggacaacct 360
gggtgctggc cccaaggggc tcctccagag agatgtgtgt gacctgcagg tgtaagtggc 420
acctgcagag ccaggttctg cgtgaaagaa gangagatct gaagtgcctg ccacctttgc 480
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<210> 6002
<211> 552
<212> DNA
<213> Homo sapiens

<400> 6002
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ctgtaggctg ttctgggctc aaaccaatca aatgagtga aaccaatttt gacaggagcc 180
ataaagcatg ttgcaccaat taaattacac caatatatta ttataatacc tttgaaatgc 240
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tcaagtttct ctcttttttt cttctaggaa tgataccatg ccagtaaata cctacagaac 420
atttccagtt tggcaacaag cagtcagtcg atcattcaca tttgtactca agacagcagg 480
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ncacctggta an 552

<210> 6003
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6003
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atttcagata ttttgttata gccacacaga caaattaaga caagcaattt cttgtgccaa 240
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ctagttggag aaacaaaaga caactgaagt aatcgaataa gcattacatg ttgtgtgata 360
acaaggacta ttgaaaaaaa tatggcaggg taagagatta tagcatttgg gagggttgat 420
gggggtatgt tctgagtgtg acagagaatc acagagaggt ctaaataaac ctgggggangg 480
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aggatgggga gata 554

<210> 6004
<211> 546
<212> DNA
<213> Homo sapiens

<400> 6004
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tttttgtttg ttgcccacaa ccaagtaaac cctaattgat ttgtattttt ctttttaaaa 180
atatagattg caattcgggc atatcaaaat gaagcctaga ccaaatactg aactagcata 240
agcagaccca gtgttaggac atcaatatta acaggactct aaacgggcag ttgtctgtac 300
atcttttagtt aataaacaag caaacatcca taccacgtaa ttcacacttg catatgcatg 360
tacactttca tgatgtgaag cctttaagac caaatctctt cttaaacatt cagcttgaat 420
aataaagaca tgttgccctag agatagaaaa ttcattattt taaaaaataa aaccttaaaa 480
cttgaatttt tatganttta ttttaagcct aaagnggnc actaatattg gccccatttt 540
taaggg 546

<210> 6005
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6005
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tgtgcttgag aagattcaga ttgtttcaaa gtcattcact gaactaaaag tcattttccc 180
catttttaca gtcattgacat ttaccagagt cattcaactc caattttacat aagaaaaacat 240
tatagacaaa atcccactga aatcatcaaa caatatttta tgctgttaca aatatgttat 300
gcaaaatata acactggcac cagatttgta tcatcgtgct ttacaaagat atattgcaca 360
tgctagagca taaaatatgt agacaaaact accaaataaa agatatttgc attgaatttt 420
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aaaatgcttt tncctataa tactggccta agggttaaag gttcgttaagg acgaagcctt 540
tntc 544

<210> 6006
<211> 545
<212> DNA
<213> Homo sapiens

<400> 6006
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ccctgccatt cttgattgaa atgttcagtg agacttaatt tcatttggat attattttcc 180
agagatttgc gaagtctcat gtctctgtta ttgcagctca tttctagggg gtggtaaaga 240
tggggtagtc tctcttccca gacaaaatgc tgggagagag tgggatgagt ctgggggtgg 300
ggtaggtagt aaatgccagt atagtcacga gatcttcagg atgtgtatto cttcattacc 360
aggtagcaga gctgtagtgt ttatttgtcc taactgtggc atcagaacac tccccatctg 420

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aagagtcaca gtccgattct tcaaactgca tggggttctc atagccacgt tccttcacac 480
acagcttgcc cagagacatc tgagtcttna caccgggcac cggacacttc ntggcaaaaa 540
nnccc 545

<210> 6007

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6007

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tgataaaatc tcaagataat tatgttgatg gaaagaatcc agaccaaaaa aagagtacat 240
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acgtgatttc tccaaggggt gatggatggt tattatcttg atagtgggtga tggtttctcg 420
agtacacatg tncataaaaa cttataatat tggatacatt aagtgnntag tttactggat 480
gtaaattccc atcaacaaag gtnttaaaaa tggaaaatna aacaaatcag aagctgt 537

<210> 6008

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6008

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ggctagactc agtgactcat gcctgtaagc ccaacacttt gggangcttn agtggaagga 480
tcatttgang ctnggagttt gagaccnanc tggacacctt aaaaggaccc taatnttttc 540
caaaaa 546

<210> 6009

<211> 500

<212> DNA

<213> Homo sapiens

<400> 6009

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caagctccgc ctccogggct cacgccattc tcctgcctca gcctccogag tagctgggac 120
tacaggtgac cgccaccaca cctggctaatt tgtttttttg tatttntagt anagacgggg 180
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ntcagcatgn	ggggccttat	taattaacct	tnttggaac	tgactggncc	agangagaca	480
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<210> 6010

<211> 312

<212> DNA

<213> Homo sapiens

<400> 6010

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ctccaaataa	aaggga	aggcaaagga	aaaaaaaaa	acaaaaaac	aaaacaactg	180
aaaaacaaaa	acaccctaa	accccccaa	acaaggnagn	gcatttccc	agggggaagg	240
ggaatttaca	ctggagccgn	tgggagcgga	acgganatnt	tccggtaca	gaaacctgca	300
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<210> 6011

<211> 531

<212> DNA

<213> Homo sapiens

<400> 6011

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acaggcatgt	gccaccatgc	ctggctat	ttttttttt	ttggtanana	cagagtctca	180
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<210> 6012

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6012

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acataaaatt	atgttttgaa	atctatgcaa	catgaaatat	agtttgatat	aaaaaaccca	180
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tgtgtgttcc	acaatgccaa	ttctaattgtc	catctctaca	gtttcttgct	tcagttttgt	360
taagctctgt	ttaattttca	ccaaaggagc	accatcagtc	atgctgctgc	ccttttcttc	420
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cccnaattct tgacc 555

<210> 6013
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6013
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gcctgtccag cgacaacat ggaaggcac atacattctc tacaagctcn ctggtgtcac 480
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atttctgggg naaan 555

<210> 6014
<211> 543
<212> DNA
<213> Homo sapiens

<400> 6014
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ggn 543

<210> 6015
<211> 530
<212> DNA
<213> Homo sapiens

<400> 6015
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<210> 6016

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6016

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atattcaagt	gctcaacagt	cacatatgac	taatgnctat	tggattggtc	agcttggcta	480
tagggatata	ttcatcattt	ccaaaagggt	taatggacaa	gcattgggna	aaaatccttt	540
gccccaaatt	nttgnnggnt					560

<210> 6017

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6017

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caataatgca	taagaattgt	taatgagtaa	ataaaagctg	attatactat	atttattttt	180
tagtcagaat	ctctcacatc	aaggatcaca	atccacttcc	aagcaatggg	taaaaggggtg	240
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<210> 6018

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6018

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aaggagtcag	aattcttaaa	tggcttactc	agttgtatat	atagttgagg	gcagaaataa	180

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aatcaaataa aagatttgta ggcaaaaaaca taccaggtat tctgaaataa tatatgtaat 360
gcctacttca ctatgggata tgtgagtcca tcaataactg tcagtttcct ccctagttta 420
tccatatatc ccctaaatgc atgcccctgt tatgtcaaaa caattttttg agttgccaaa 480
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<210> 6019

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6019

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agcatctgga cttgcttcat tagttctggg atgataactt ggtgtcaata aaagggtgtag 180
agtggaagag tgtggctatt gatctgtggg tctttaaaaa ttaatgttcc tattacacag 240
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ctcatattag cttcttagaa ttaatttgtt tttcaggcaa tccagacctt ctttgcaatc 360
atgagtattt taactcatga gtattttaatt ccttaaaaaat acaaactccc caaaacccag 420
gtcagctcta aacctaggga tgagcattta cttggggaca gcatgcccat tttggtaagc 480
acagaagctt ttcaccctgg ttttccannt nctggtcnna aancccngcc 530

<210> 6020

<211> 507

<212> DNA

<213> Homo sapiens

<400> 6020

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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<210> 6021

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6021

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aaattatagg tggttttctc atattttatg tcagtttctt gtatatcaaa aaatacattc 120

atattatgag	acacaggaat	ctttacatcc	aaaataat	gatacagatg	ccttaacatt	180
gctgaatgag	acaactttgg	aaagattcct	gttttgtgat	tcctttttac	cctctaagca	240
cagtgccttg	ttaacactgt	gtgtgtagta	aatgtgtgtg	ctgcttaagg	taaagaattt	300
ctagtaaaact	aaatgcccac	ggtagactgcg	tgattccatg	ccagacagga	aaaagcagtc	360
atgctttttg	cccctagctg	aacgtttgtt	ttccccacaa	actatgtatt	catccacaga	420
atagtgaat	atgctagatc	ctagtacaag	acaagaattc	aatctaataa	atctctagat	480
ngataattaa	aatattgcta	ggtttggtat	tcacaaaact	ggagatcctg	atggatantt	540
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<210> 6022

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6022

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ctttgtatca	gagttgacca	actgtttcct	tacctgtatc	aggaacatca	agagcgacag	180
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aaaaccagca	ttatgatgta	gcaagcagag	tataactctg	aagtcagtg	ggtcagtaaa	360
agccttatca	gaccatccat	agttttacaa	tgtgatctgc	tcttcctcag	accactaata	420
tagaatccaa	acaggtgaaa	aatcgtcact	ccttagaata	caacaatgat	ctgataagga	480
tttgacttan	tggaangnaa	aaaaaaaaaa	aaaggggatt	gccnanccta	acccttttta	540
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<210> 6023

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6023

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tttaatcacc	agtgatctaa	attcagtcaa	taacagcttt	tttggaagca	tctcactatc	120
atcctgaagt	ttgccattgt	tagatatctc	tttagctgac	catagttagt	cttccttgag	180
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atcactgaaa	gtgtcatttg	tttctatatc	catccttggc	ctttttctaa	cattgacatc	300
ttcctcctgt	ttttgaactt	tcacatcaat	ttctaactct	ggttttgtgt	ccttgaataa	360
ctgttccaat	acttcattct	ctatggccac	atcatccatt	tccttttttt	natttgatct	420
tagctttttc	gcagcatgag	atttactggc	agaatTTTTT	acaatagatt	ttaaatctgg	480
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tnc						543

<210> 6024

<211> 599

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 6024

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tcagtcattc	tgggttggtt	tgtgttcgct	ttccacagca	atcctacatc	cacgcccctc	180
ctttctcacg	aaagcaagag	aagagtgagg	tctcttttgc	tagcagttct	tatgtacaaa	240
caaggtcttt	aaggttcctc	aaagtgcctt	ttcagttctc	cagggcttgg	acaccccctg	300
ggcttcccat	ccttttctcc	ttccacgggt	tttgacgttt	gcacctttcc	tacagaaaac	360
aaaagaaaac	tcgccttccg	ctcaacgccc	gctccagact	tgccaccaac	cttcattcctc	420
attcattgtc	tttgatgccc	cagcacagag	ggcctagggg	cgtgcaacat	ctctgaagtc	480
ctggggagcg	gggggaccac	taggacaaag	ggtctggctc	atctaccggc	gcctggagggt	540
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<210> 6025

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6025

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ggactgtggc	tagattttgc	ccatgatctg	tanattatgc	tcttgacccg	ganacttgaa	180
agttatgagt	ttgcattcaa	acaaagaacc	accagataaa	acagatgttc	tctaaaactg	240
aggaagaaaa	gttttagagat	atgcactgta	tagagaaaga	aagctttttg	ctggattggt	300
ctccttggtt	aggaaatgtt	taaaactagt	actcccgggc	acctgtgatt	gcattttata	360
ggattctatt	tagtaatatg	atgtctatct	tacattcagc	cccaacctac	gtcactgaaa	420
tagaatagga	aatagcagcc	actatctgag	agtncccgat	tctaaggaaa	gtttgggcct	480
cctcaagaag	tccctatctc	catagcctca	atcatgaata	nggcttggtt	ttggganatg	540
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<210> 6026

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6026

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ttacaggcat	gcgccaccac	acctggctaa	ttttgtatct	ttagtagaga	cgggggtttct	180
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ccaaagtgtc	gggattatag	gtgtgagcca	ccatgccctg	cctaattcttg	gatttttttt	300
tttttttttt	ttgagacaga	gtcttgctct	gtcaccagg	ctggagtgtc	gtggctggat	360
ctcagctcac	tgcaagctcc	gcctcccagg	ttcacacat	tctcctgcct	cagcctcccc	420
agtagctggg	actacaggca	cccgnccacca	cggccgnta	anttttttga	tttttaagtg	480
gaaacanggt	tttacogggt	taaccnngaa	gggcntgaac	tcctggacta	tgaa	534

<210> 6027

<211> 555

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6027

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tggtatcctc	caccactga	ttgaggatcg	aattgcacat	ttctcttaac	catgacagga	180
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tggtttgtcc	ataccattct	aattaacatg	aaagggctct	gcatatagag	agattgtctc	300
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cgcccagcaa	atattccccc	tcggattatt	ttacaccttg	agggcatttt	ggnccttcagt	420
tcaacactct	tgctctggtc	ccaaatgggg	cgctatttaa	gggaatttaa	agagaaagct	480
gagaagaata	acntttancc	gagntctctt	ggcatttaan	ctcttgaaaa	ncccnggatt	540
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<210> 6028

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6028

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gcatttttcc	atatgtaggt	aatagctcat	aataaaaggt	ttttttgaaa	atacacaaaa	180
aaactaccat	tacactccca	ccagactgga	aacaatttaa	aagtccaacc	aagttaaatac	240
aagtgttgtg	caaaaagtag	aacaaatgga	agtctcacac	atccctgatg	ggaggggcaat	300
gcattacgcc	actttgaaaa	ccagacaata	tatgataaaa	ttgaagggga	gcacacccta	360
ctcagcaatt	cctttcctaa	ctatatgctg	tcaagaactc	ttgcacacgc	acacatgtat	420
attcccaggc	atcttctaaa	gaaaatgggtg	ggtattttgtg	aaggttangg	ttactangaa	480
aagtcgggcc	ccgtggctta	cgctgnaat	ccagcttttt	tggaagcaaa	gccggaagat	540
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<210> 6029

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6029

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gctggagtgc	agtggccgtg	atcttagctc	actgcaacct	ccgcctccca	ggttcaagng	180
attctcctgc	ctcatcccca	acacagaaca	tattgtcaga	aaacacctcg	ggtctctgtc	240
tcttttgag	ccaggcgttg	caggcctccc	tgggagctac	aggcagcctc	gagtacttca	300
gctcagtagt	tagccagccc	atctccatgc	caaaccact	gacgtagccc	aacaagccgc	360
tgcggtanag	ggtctcatta	tcgggcagac	agaccgggag	gacgttgggg	cccaggggga	420
tgctgngctg	cagctccagg	agggcgatgt	ccccgctaaa	gttatgggac	tcattctgac	480
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<210> 6030

09629469.072800

<211> 562
<212> DNA
<213> Homo sapiens

<400> 6030

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cgtcgaataa	cttaaacact	ttcaaggcaa	gtctggtttc	tactgtttcc	cagcaatcat	180
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cgtagagagg	agaggagagg	gcagagctaa	ccctggtaag	tcccagaatt	ctggttttga	420
aaaactaaga	gtcctcgga	gcanggggtc	ggcagtcctg	tgaaagcagg	ttgcatcctg	480
gcgccttggg	cttgtccaaa	accngnctt	ttngnacttt	ttcataaata	ccattgaata	540
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<210> 6031
<211> 563
<212> DNA
<213> Homo sapiens

<400> 6031

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gtgacttgaa	tttgatctag	ngaaatatat	actacaaaag	ngaggaatta	tatctagaaa	180
tctgtaattt	ttaattgtnc	cgctaaagcg	ctttaccttc	ttttgtactt	cttgaaaata	240
ctggctgcat	tgcaacagaa	gacaaatatg	attaatgtca	tgcaattcat	aatatcttaa	300
attgcattgc	tggattcttt	ctcaattaaa	agaaaaaatg	aaagaaaaag	gcttttaaaa	360
tgtttttcat	gcatctgata	acagtgcac	agaaaggaaa	aaatgaaaca	tagttcagaa	420
tcttaaaagt	aagaataaat	ttcagccagc	cngacatgac	tctattcaac	aaacntgatt	480
gancggattt	aaggatatagc	taaaagggtc	taaatttcac	ttggtatccc	aatccttttt	540
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<210> 6032
<211> 503
<212> DNA
<213> Homo sapiens

<400> 6032

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gacccagggt	gctggaggcc	cggggctacc	tgaggactgc	anaagtcctg	cgctccgnta	180
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canagctgct	ggtgcgacac	atcctggggc	tgggctggtc	ggggagaagc	tctcccgtg	360
acgctgcctg	ggcctgcccc	tgcaggggcc	gggaaccgag	cccaggcctc	tgtttctctg	420
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ngggaggcac	ccnggcgttg	ngt				503

<210> 6033
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6033
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attccttatg gctcctctta ccataattcct tcatcaagt taatattatg agatttctcc 480
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ccctctggca ttnttagaat aatgggtta 569

<210> 6034
<211> 582
<212> DNA
<213> Homo sapiens

<400> 6034
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tgatggagac tacagctaca atgaaaaatt actctcacta ccataatcttg gggaaggagc 240
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aagagtggcg atttgaggnc cttctcctgg aaagtgaata gctggagtgc tgaataatgg 480
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ttcttgttta gagcccaaaa aaggtcttta atctaaaagg gc 582

<210> 6035
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6035
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gttccttcag taatatattt ttcaagtatc ttaccataga atttctaaag tactttgtca 120
ttgaccccat aatttattat aaagtaggtc ccataatcac attttttgga agttgctgaa 180
attgagataa aaaatattgt ttttttatga gaaaaaccgg acaaaatata gaatggccaa 240
aactagatta actggctcag ttatgtctac taggtgaaag aaaatacaga atctgttact 300
gtagaaattt taagaggttt tgagtcatgt ccagtataaa aataaggcca aagttctcct 360
gtaaaatcat cattaaaagt cagagaagag atctatcatt caaattataa aaggaaacct 420

09629459.02300

cattcatttc	acagtctaaa	aaaaatgcc	atcttactag	gnggtacttt	tggcagcaga	480
ataatttccn	tatgggccaa	taccatataa	ttanttccga	ctggataccc	aaatcttcct	540
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<210> 6036

<211> 542

<212> DNA

<213> Homo sapiens

<400> 6036

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tgccctaatt	gcagcataat	taatagcaac	aaacggccgt	cttgctgcct	gccgcagccg	180
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catggcctgg	cgggacacgt	gacttctaac	acgagggtcc	tctgtagttg	ggctaggaga	360
taacttctct	tcttctgact	gggtgggcat	tttcaagcct	ccatattttt	tccaataaag	420
ccaacaaata	gcacataatc	tacactgcat	attagngggg	ccccaagaat	ccctggtgag	480
actngntanc	ataacaactt	ttacangntt	ttccttaaaa	angattttan	gcttgaacgt	540
gg						542

<210> 6037

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6037

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tacaggtgcc	caccaccacg	cccggcta	tttttgtatt	tttagtagag	ttgggtttca	180
ccatgttagc	caggatggtc	tctatttcct	gacctcgtga	tccaccacc	ttggtctccc	240
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aaggcattat	gaaacactga	aaatctatat	tgaatcagc	aaacttcaat	atagcaaggg	360
aagatttagc	accaacattt	taattgactc	attacaaaaa	ccccttcccc	ccaaaagaag	420
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taacacaagc	accatgcatg	nattattgaa	atgtctgggt	ttttggttgg	ccttggtttt	540
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<210> 6038

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6038

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ctgaattaac	tataaaatta	aaatacctgc	taattattat	cttctaaaat	aacacaaaaat	180
atattcaata	cgcaatacaa	acctcagtaa	tccaattctc	ctaatatgca	attattttata	240

acctctgaac	taagaggaag	tggtttgact	aaacagagaa	ataacaatgt	ttttatccta	300
agtaatctat	actttggagt	agaaatactt	atttaataca	atatgttaat	tattaatatt	360
tcacaaggag	taatctttat	tttgaaaaac	aatgttaatt	ataccaattt	ttagttataa	420
tttggttagtg	ngaattogcc	caacctaaat	tcctgngngc	ctggaaaata	ccacttttta	480
aaagctagna	ttaatcattt	ggacacaggt	tactaattca	aatggcatct	caatctactt	540
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<210> 6039

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6039

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<210> 6040

<211> 607

<212> DNA

<213> Homo sapiens

<400> 6040

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gcaagtgcgc	ccctcggtaa	gcggcccg	ggtggcttct	tggataccgg	naagcctggc	540
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<210> 6041

<211> 592

<212> DNA

<213> Homo sapiens

<400> 6041

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ggcgtgagcc	accaagccca	gcctgaaata	atttcttaac	aatgcctaac	acagngcttn	480
catacatatt	aagaactaat	aaatacttgg	ttcttccaaa	attggcaggc	accaaangta	540
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<210> 6042

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6042

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cctagtggct	aggattacag	gcatgcacca	ccaagcccag	ctaattttcg	tacttttagt	180
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tctctcatct	ttattaatct	aattcttatt	tgttcttcag	gagtcagttc	aagcataagc	360
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caagccataa	gcatgtctct	attttaaaaag	taactgggtg	cttgggggtgn	ctncctacca	480
gaccctaagc	tctttnggga	ttatgtcgga	caatcttctt	canagtcact	gggccccaat	540
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<210> 6043

<211> 606

<212> DNA

<213> Homo sapiens

<400> 6043

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ctcccatctc	ctctccctac	taagcaacct	ctttcttctc	tcctgcagct	cacacaatgt	180
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gtaaagggtt	ggatttccat	aattcttttt	taatcagtn	aaacataaaa	taagggtttg	540
ganaagagat	ncaggaagcc	aatttnggaa	ctttnggttt	gggccccnca	tctttaaaat	600
gggnct						606

<210> 6044

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6044

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gcctatttta	ttaaatgcac	aggaggttgc	agccgcattt	attagaaaaa	tattatcctt	180
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ccctgcagac	ccagcggggc	atgggcggac	agagccgcac	cgtgaagccc	gcctgttatt	360
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ggccagacgc	ccatccaatt	tgcctgcggg	aactcgctct	tacctttcct	acaaacttct	480
tttggaagcg	tnggatttta	cgttcgccca	gttccaaggn	gctgtcccg	actganggta	540
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<210> 6045

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6045

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aaagttacat	ttccaattac	aaatcaaaat	gcatattagg	gtctctttat	gggagaagct	180
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gcacaaagat	taaggtcata	tacagtcaat	ctgcaaagt	tgacacaatg	ttacactgta	300
aattttctgt	acaattaaat	gtatacttag	agataccagg	ataaacattt	ctactatatt	360
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tctacaaaat	tgtgagacat	aactagcttc	agaaacattc	ttgnattcct	tctcattttg	480
ggtaccatat	tacactcaga	ttctactgna	atatttttag	aatgtccng	ccaattgngc	540
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<210> 6046

<211> 454

<212> DNA

<213> Homo sapiens

<400> 6046

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ggttcaagcc	atcctcccg	ctcagcctcc	tgagcagcta	agactacagt	catgagctat	180
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attacaggta	ggagccgagt	ccatagggtt	attgngagga	ttcaatgaga	taactnatgc	360
aaagtgtca	acangatgcc	ttgtatatac	taangcctta	atgttgccctn	ccnctcacac	420
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<210> 6047

<211> 584
<212> DNA
<213> Homo sapiens

<400> 6047

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ggtacattca	ttacaactga	tgaaccacac	ttgacacatc	gtcatcacc	agagtacaaa	180
gtttacattg	aggttcattc	tcggccttgt	ccatttctatg	catttggaca	aatttataat	240
ggcatgtatc	caccattata	acatacgaag	tagtttcagt	gctctaagaa	tcatctgtgc	300
tccacctatt	catctcctgc	actcccccaa	caccgggcaa	ccactcatct	ttttactgtc	360
tccatagttt	ggtcttttcc	aggatgtcat	acatatttgg	aatcacgcac	tatgcagcct	420
tttcagattg	gcttttttca	tttagtaata	tgtgnttaag	tttactccat	gnctcttcat	480
gacttgatag	ctcatttctg	gantanggct	gagtaatact	cattttctng	gatggggccc	540
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<210> 6048
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6048

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aaaaactatg	tatattctgc	agttttgggg	gaaagtgttc	tataaatatt	aagttaaggt	300
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agagcagtg	gttaaaatct	ccagacgtgg	ttgtgaattt	gcttatttct	cccttttagt	420
ctgcagcttt	tactccatgt	attttgaagc	tgctattgat	gcagatccat	ttatatctac	480
caaattggtat	ggatctttat	aaattatgag	tgnctttttt	ttggccctaa	cataattcct	540
ggcttgagcc	taatttggn	gnttccctaa	cctaccggtg	gcagggg		587

<210> 6049
<211> 590
<212> DNA
<213> Homo sapiens

<400> 6049

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ctgtttattg	acaaaaaaga	gactatttgt	aaaacagaat	tcctaaggca	ttaatctatg	480
cctcaactaa	ggaagttaga	gagaaaccca	gggntcagnt	cccaacttca	cctggctttt	540

tcatgcctta ncttttggct naacctaatt tccttgaagc atggaagggg 590

<210> 6050

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6050

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acctccacct	cctgggttca	agngattctc	ctgcctcagc	ctcccagagta	gctgggatta	120
caggcgctg	aagccacgcc	cagctaattt	ttgtattttt	agcagagacg	aggttctgcc	180
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actgttataa	cccagggtctg	ctgcatgtta	ccagtggggg	ataagtgagg	agggtgtgtca	420
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<210> 6051

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6051

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ctgccatgag	acccggctga	tttttgatt	tttagtagag	atgggggttc	accatgttgg	180
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gaatttcaaa	aacagatact	tcatattctg	ggcatagcat	cacacataca	accacattac	360
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ttatgagcaa	ttctaacaat	ttaagtccca	aactttgacc	aacaataatc	ncaagggtta	540
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<210> 6052

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6052

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nagtttagcc	tcataattaa	atccccgnag	cttgggactt	tttggcctng	tgggggtttc	540
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<210> 6053

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6053

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<210> 6054

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6054

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tgacttcagt	cgtaactggg	tccagcatcc	ctcaaccag	ttttatcacg	cgggtctaggc	180
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<210> 6055

<211> 595

<212> DNA

<213> Homo sapiens

<400> 6055

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<210> 6056

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6056

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<210> 6057

<211> 429

<212> DNA

<213> Homo sapiens

<400> 6057

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gatgtgtgag	gcgatgaaga	ggccagcaca	ggagctgggg	ctgttgtctc	ggtccgccac	360
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naccanng						429

<210> 6058

<211> 533

<212> DNA

<213> Homo sapiens

<400> 6058

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gtgacaggca	gaagcatgtg	atggtcctca	gtcccaagtg	gaagagctaa	tggtaaagtc	300
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tcactcaaag	tatgatcctc	tgcaactggag	tctagagttt	tatctgcacc	agaatggact	420
tttgttttgt	gcttctttta	atttttaata	tctgnngtaag	aatttncaca	taattcgag	480
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<210> 6059

<211> 523

<212> DNA

<213> Homo sapiens

<400> 6059

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cacacacgct	cacacacacg	cctcactcac	acacatgctc	acacacattt	tccttcttga	180
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gccgaggggt	cccaggggta	tgctgcgctt	ctgggggaga	tgaagggttt	ggcaccattg	420
gatcaggaag	cacaggactn	ccagagcacc	catctgntnc	accangggca	tcgncaggaa	480
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<210> 6060

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6060

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acagcccaat	atttatattat	gtatacacat	aatcccaagt	gtgtgctggg	gccaccaggc	420
ccttctgggg	gaacaaggac	tgtcgtgcat	gtgagtgcag	acattaataa	gcatttacat	480
actgtacaga	tgcaaccttt	tgatgatnca	tatantttga	taaaaattga	gaaaacngnt	540
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<210> 6061

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6061

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tactctatgc	ccaggctgga	gtgcagtagc	tcaatctcag	ctcactgcag	cctcaacctg	180
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ttggctggtg	aagaagccgc	cggctccggg	tcanaaactt	tgggccggct	ggtggttctg	540
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<210> 6062

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6062

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tgaattatcg	ccctaattgc	tctcgtctgg	tgggaataat	cccggggcaa	cagctgccgc	180
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tggggagcgt	gaggtgcgag	cagtgcacgg	tgggggtggc	acttgggtgca	nagatgcanc	420
tgattgggtcc	gggtcatgtc	ttggggagca	ncanggggtga	aaactgtagg	gccaggagac	480
tcagaaggaa	atgccttcta	ctaggacctt	nccaatgaag	gggagccctt	ggacctgcta	540
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<210> 6063

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6063

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gacaggatct	ggctctattg	cccagggtgg	agtgcaatag	tgcaatcttg	gctcactgca	360
gcctctgcct	cccaggctca	aaccatcctc	ccacctcagc	ctcctgagta	gctaggacta	420
caggcgtgta	ccaacatgcc	catctaattt	ttgnattttt	ggtanaaatg	gggtttcgcc	480
atgttgccca	gactggctgg	aactnctggg	cttcaagtga	accttccacc	ttggncttcc	540
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<210> 6064

<211> 580

<212> DNA

<213> Homo sapiens

00629469.072800

<400> 6064

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ttgggattat	gggtgtgagc	cacagcgctt	agtccagaga	tttattgact	ttattcactg	300
ccttactttt	gtcttggctt	tctcttttca	aggaaaacaa	gggcatctgt	tgccctcgtc	360
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attttattcc	ccttcatccc	ccctttctca	tcccctaagt	aacatctggc	aatgggttaa	540
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<210> 6065

<211> 599

<212> DNA

<213> Homo sapiens

<400> 6065

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aaaaaactta	attcttcaaa	ttcacgaata	ataattctac	atattcgtgg	ggtagaatac	180
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gcattgntta	attttccatt	ggtggcttat	ttcacctact	ataaaggnc	ncagntcctt	540
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<210> 6066

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6066

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gtgcaatttc	agtttcatcc	acagtttctt	gtgctattct	gtcatacaaa	cactctctga	180
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agttcttctg	gtacttggaa	tctccttggg	ttacttgtag	ctgggtgccat	ttctcctcat	360
caacccaaat	cccgttccc	agatggacct	tgccattgtc	taggatatac	ttgtccatga	420
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acttccggct	cggctcgaga	cattctgact	ttactttttc	cagacaatgg	cgggaccgtt	540
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<210> 6067

<211> 581
<212> DNA
<213> Homo sapiens

<400> 6067
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tcccttcttt tcaattgttt ggaatagttt cagtagaaat ggtaccagct ctttttttga 120
cctctggttag aattcagctg taaatttgtc tggctcctggg cttttttttt tttttttttt 180
tttttttggg agactattac tgcctcaatt tcanaagtcg ttattgggtct attcaaggat 240
tcaatttctt ccaggttcag ccttaggagg gtgtatgttt ccagaaattt attctctttt 300
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atttctgnng ggtcagtggt gatatccctt ttatcatttc tgatttgtgt ggattcttct 420
ctcttttctt ctttattagt ctagtttagca gncattaat tttttttcaa aaaaccagct 480
cctggatttg gtaatttttg aaagattttt tggggctctg gctccttgag ttctgctctg 540
gncctaattc tggaanngc tactttgggg ttgggttttg g 581

<210> 6068
<211> 348
<212> DNA
<213> Homo sapiens

<400> 6068
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cgtgtttgaa attcacataa ggngcactta naaaaccacc tgaaatggaa atccaacagc 180
ccccttgccg gtgagggctn ccacccttgc ccgcttgagg acatggccga accccggaca 240
ctcgtgtgcc gggagccacc acagntnaag gngaccggca gcacccanct ntgtgaccaa 300
nacagatgtt cacacgtggg ggcatngtaa gcgctaccag ctccaaat 348

<210> 6069
<211> 579
<212> DNA
<213> Homo sapiens

<400> 6069
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tttttataga ctgggttttg ctctgcaccc aggctggaat gcatgggtggg gacacagntt 540
cctgnagcct tgaatnctag gagnetnaag aatcttctg 579

<210> 6070
<211> 561

00629469.072800

<212> DNA

<213> Homo sapiens

<400> 6070

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cacatcacct	ccagagggag	gagggagggg	tcagaccccc	ccatagcacc	aatctggata	180
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tcttcagatt	gcaaacacc	caaggggtga	gggagcccca	ggtgccccaa	acatgtgggg	480
taaagtcaag	gtaagtgcag	gtcttggagg	gctgggggtg	ggaatggaag	gggntctggg	540
cncaaanatt	gtngnnnatg	a				561

<210> 6071

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6071

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<210> 6072

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6072

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<210> 6073
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6073
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<210> 6074
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6074
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<210> 6075
<211> 518
<212> DNA
<213> Homo sapiens

<400> 6075
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gatgtctctg gggaccctct ggatgggccc gatgttgggg cccttcantg gtgnccagga 480
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<210> 6076

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6076

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<210> 6077

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6077

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tatctacaat ttcattacat gtatacagca aataggcaag catggctttt acatccttaa 180
tgattttttt ctatacaggg aggttttaaaa aaaaatactt gaacagtttg cccagtaagt 240
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<210> 6078

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6078

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gcaagtctat ttgttcttta atatatcggg tagctgttca agacctttct gttcctgtgg 180
cactttgcct tcattttatt atactgtcat ttattagcat tgattacttt tactactagt 240
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ctgggttcac	aaaaaacttg	gcttggagcc	caatcttgat	aaaggctgca	ngggtctana	540
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<210> 6079

<211> 472

<212> DNA

<213> Homo sapiens

<400> 6079

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aggcaaatgt	gtttaataaa	tggtaatggg	acaaactgac	tagtatttcc	atttggaaaa	180
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cagcctggcc	aacatgggtg	aacccccatc	ctactaaaaa	tacaaaaaatt	agctgggcat	360
ggtggcatgt	gcctgtagtc	ccagctaccc	agggactgag	gcatgagAAC	tgcttgaacc	420
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<210> 6080

<211> 356

<212> DNA

<213> Homo sapiens

<400> 6080

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gtctgagatg	cttcagtgtg	caaggcagca	gctggggggg	aggagggggg	tcttcacagg	180
gacagctggc	aagagacttc	ctgaggcaca	tcagctacgt	tggncaattt	agggcacggn	240
ctggttctgc	anctttgaaa	ggnggattct	ttctatttag	acactttaca	agagggattg	300
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<210> 6081

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6081

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tattcaagtt	gtgatttttc	tggttcttgg	tatgacaggc	tattttacat	cgtatcctga	180
accttttgtc	tattatttta	atcttttatt	tttagtaggc	agtcactcca	tttgtgttta	240
gcatgcaagc	cctggccttag	tttttgtggg	ctatgagtcc	agtggtaatt	tagtttttaa	300
agcctttgca	gtgttatttt	ggtctgcttg	gtttatctgg	tgctgctggg	gttcccgaat	360
ggtccttcat	gatgctactt	tagggaaaaga	aggattttct	cccaagccag	gtcccatggg	420
atctctggga	gaaggagatc	tcaggctcan	ggtaataaaa	aatcttinctg	gggtagaatg	480

ctttttggcn aaaggccctg gatgcctaatt tttttaaccc caaagaccaa gnttaaggct 540
tggatgtttg gcaatgggga ttcctgatt 569

<210> 6082

<211> 524

<212> DNA

<213> Homo sapiens

<400> 6082

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agtgtcggca aaggctctgc acagacatcc acagtattcc acactgcctc cccattttca 180
gaagtcccta ctgaaatgag aaggacactg aggcacacag gggaagagaa tggcctgagg 240
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aaatgctacc cagcagggaa aaagagtcac ttcttcttcc aagtgaccag taatgccaca 360
ctcatggggc agcaagaagg gtggcaaggg aaccaagccc tgacctgagc ccagtgatca 420
ggccagagcc caccaatggg actngccaca ggtccagggt anccccttnc ttcaccggat 480
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<210> 6083

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6083

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tgctgcatgt agcatcttgg aatatatctg caagataaga gaggtgctgt taaaatgttc 180
tcatattcta caggtgaaaa acaagggtct cattattttt aaactcatca accattcacc 240
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ctactttgca tggttgtagg cttcaatctc ttccagtaat acgctgtcgt tcaaagagaa 480
agggctggct ttggccnaac ttttagtcca tggccngttt anangcccca agaatactg 540
ggnagttttg gnaggg 556

<210> 6084

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6084

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accttcagtt aaaaaaaaaa aaaagaagca atttctgcta agcacaatga aacaatgtat 180
gcctgtgcgt atggaggggc atggggaaat ttgggagggt atgaaaatat tatcttgatt 240
tcacgagtgt atgcaggta nattcattat acatcactga tatttcaaag ctgtaagaaa 300
aaacaaaanc aagattgatt gtgtgaaaag atgttcagca ttattaatca ttataaagac 360

ttgaaatgnt	ttatttctat	tcttgnctat	tcaacttatt	tgggataaaa	gtggagaata	420
gttttcctta	tcctaaattc	acagcttgca	caggcaactg	aaatgctntc	atgcgtttgg	480
acccnatgga	cactanctgg	gtaaaccggg	ccggaaaccg	tttacngtt	aacttgantt	540
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<210> 6085

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6085

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tacaggtgtg	catcaccatg	cccagctatt	ttttaaaaaa	agatttcttg	tagagatggg	180
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tggtttaaat	cttgccttcg	ttgtactaga	atataatcca	tctgatagga	atgaatttga	360
ctattttatg	tatcttcaag	tccacagcct	ctggcataaa	gccagatgct	tacagaaagc	420
ttaataaata	ggtattaaaa	tggtttttaa	aanggctggg	anaaactgga	ctggacttaa	480
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<210> 6086

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6086

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tacaggcgcc	caccaccaca	cccagctaatt	tttttgtatt	tttagtagag	acgggggttc	180
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tggaaaaatt	accctgcgta	attcagatta	atttcataac	tttataataa	gcatttaaaa	420
ttttttttcc	tttaatgcag	gcattacaag	gagccagtca	aattattgct	gaaatccgga	480
gactcatnt	tggngaaaaa	aacntttgna	nnnttgaaa	cttgttgct	caaaacttgc	540
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<210> 6087

<211> 520

<212> DNA

<213> Homo sapiens

<400> 6087

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aacttccgcc	tcctgagttc	aaatgattct	cctgcctcaa	cctcccaagt	agctggaatc	120
acaggcatgc	accaccatgc	ccagctaatt	ttttgtattt	ttagtagaga	cgggggtttc	180
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cccaaggtgc	tgggattaca	gacgtgagcc	accgcaccca	gcctcttaat	tcttaatggg	300
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tcaccaccta	ttcccaactac	cttccccctt	cagaggccaa	gtttggcttg	catgtgatga	420
tccctgctgc	tctgtgctgc	tcctacccat	cttactgac	ccaacagaan	gnggcgcttt	480
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<210> 6088

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6088

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aaggtgtatg	ccaccagcc	cagctaattt	tttgtattta	gtggagatgg	gatttcacca	180
tggtggtcag	gctgggtctg	aactcctgac	ctcagggtgat	ccacctgcct	aggcctccca	240
aagtgcctggg	attacaggcg	tgagctactg	cgcccagacct	caaaaattct	taataacctgt	300
tgacacaaag	tttttatgaa	aattggcact	tccattacaa	caccgttctg	tggtggcaga	360
ggacaccatt	ttcaagagca	atttcacagc	atctaactga	aacgaaactg	atgatccaac	420
aatgccacag	ctagacattt	atcctgnaga	attaggagac	caactgnatt	agaatatntn	480
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<210> 6089

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6089

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cacaaatagc	tcttggtcag	atttatgaaa	gtctgtgtaa	gttagaacac	aattttacat	120
ttttttctct	aagcaatatg	caaaagataa	caatatttaa	ctacaaatat	ataaacaatt	180
ttagtattat	actaaggatt	gtacttgaag	aagttacaat	gtaatggaaa	taataactta	240
ccatattaca	ggtctcaaca	ctatcatgtt	ggcccctatt	cagagactgt	gcagcgtaac	300
caattagtgc	agcagcagtt	cttggtataa	tatatgacaa	ccaagtttac	tggttaagctt	360
gaaaataatt	cttatgtaaa	aattagagat	tttatgaatt	tctgatgggt	cagtaatttt	420
ttttcagaaa	tgttatttca	gtcacttaat	ctgnccttct	atccatattc	cacaggctctg	480
ngagttaacc	tcattccaatt	gctgatgagt	cttctcctag	gttgcaattt	cttcttaatc	540
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<210> 6090

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6090

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gcaacctctg	cctcccagggt	tcaagcgatt	atcctgcctc	agccccccga	gtagctggaa	120
ttacagggtgc	ccgccaccat	gcccagctaa	tttttgtatt	tttagtagag	acgggtttca	180

ctgtgttggc	caggctgggc	ttgaactcct	gacctcaaga	ccgcctgcc	ttggcctccc	240
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ggaactatta	aaaatatgta	tgccaaatth	acatggatta	tttcaaagta	aagtattaaa	360
ttacaagaa	atttgtttca	aaataggaaa	ttcagttttc	tgatccacca	tctgggatgg	420
agccacaagc	aacaggcaga	ttttcataaa	agtccttaca	ggaagagcac	cactctcaag	480
ggtgaaccct	tggacacaac	agaaaatncc	aangcccaga	tccngaataa	agaaggaatt	540
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<210> 6091

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6091

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gtctgccttc	tgggttcaag	tgattctctg	cctcccaagt	agctgggacc	acaggcaccc	120
accaccacac	cgggccaatg	tttgatthtt	tagtagagat	ggggtttcac	catcttggcc	180
aggctggctc	tgaacctctg	acctcgtgat	ccacctcct	cggcctccca	aagtgtctgg	240
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ctcccaaagt	tctgggatta	caggcgtgag	caaccgtaac	atgagggtccc	agcttcatgt	420
tcattttttg	ttgttgctac	aacaaagtac	cctacattta	gtggcatcaa	acaccacaaa	480
tctaccatct	tacaagttct	nggggccaga	agcccaacta	nggctattaa	ggttaaggca	540
aggtgtcana	aaagcttcan	tncntttggg	ggangcttta	aaaaaatg		588

<210> 6092

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6092

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agtgtccact	ctgtttttga	gacagtaatt	aggattcaga	aagctcctta	ttaatagctc	120
ataatttggg	ggggcacttc	agggactcca	attacaaagt	tcaaaataaa	tcactgcacg	180
tcccctcccc	cctcccccaa	aaaaagaaaa	aaggactaat	tttagataac	agaaatcatt	240
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ctaaaacatc	acagaaaagt	tcactgactt	aggaggccca	agatgcaagc	tccagtaaca	360
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tngggggttn	ggcgtttatt	caagtctggc	tctgatggcc	tttctttccc	gctgggttctc	480
cactagggtt	cangctgngc	tcttgaggaa	aggcttcac	catgagtcta	tctggatagn	540
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<210> 6093

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6093

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tttttttttt	ttttttctct	agcaactatt	gccaccctgg	ccccaaaagt	tatttataga	180
gtacattggt	agtaattata	cttacaattt	agtccatgga	gtgcaggacc	atgaggaact	240
atagctagat	aagattgtgc	cagaattaga	agaatagaca	ttttactttc	agagaccatg	300
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tttgtcattg	tncatgtggg	gaaaagcaac	caagtaataa	gacacaacag	atatctctta	480
aggcccgcac	agntcacagn	gaccctcctt	cccagacaac	gtaangngng	acagtnccaa	540
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<210> 6094

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6094

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caaggngaaa	tgacatgcct	aaaagtcaca	caggagagct	agaagagaaa	aaaagcattt	180
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tctgctgccc	ccaaaaccaa	aaccttctnt	aaacatatgg	acatatatcc	atcaagatgc	360
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gatgatgaaa	taagttaatt	aaatgtgaaa	acatcaaaca	gcaccaatcc	tagaagttaa	480
gacaggaaat	ncnctattat	ttaaaaatagt	cncgtggattg	ggacagaatg	gaccattacc	540
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<210> 6095

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6095

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ttaaatggca	aatagtccca	cgttgngcta	ataaatcata	ttaatttctt	ctggtccttn	540
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<210> 6096

<211> 581

<212> DNA

0962945.07800

<213> Homo sapiens

<400> 6096

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ttacaggtgt	atgctaccac	accagctaa	ttttgtattt	ttagtagaga	tggggtttca	180
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gatagttcct	gcattcaaca	ggtnggctct	tggctctgatg	gtncctttgct	gggcaaaacc	480
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<210> 6097

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6097

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tgtactttta	cagcatcttc	aaataaacct	ttaaaggata	atggttttacg	atcatttttaa	180
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<210> 6098

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6098

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attctctgcc	aagacagcag	ggatcctcgn	cttcatgaaa	accgcaggaa	catggttctg	540
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09529469.072800

<210> 6099
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6099
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tggtctccaa aaatctgctg agctgtttcc ccagtaacct ccatcataga ttcccacccc 240
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tgaaacttca aatagggtca caagtcacag agctgaggaa tgctggcctt aacttcttta 540
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<210> 6100
<211> 580
<212> DNA
<213> Homo sapiens

<400> 6100
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accagcctg tttgttttga atataatgta ggatgaagaa aaatcaagcc tttgggtggc 180
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catcaggcca cacaagccac agagggcttg tggagatgct tatggctggg aacagactag 300
gaacaaacac ggggtgtggtc aaagctcaat cgctgagcac tcggttaactc tgcaggaagt 360
taaaactttc acaacgacca tccatgtggt tgactgggac atacaggcag agctccttct 420
ggaaaatgga tttcttccac tgnntggcca ttttaagtct aatcccaata aagtttggca 480
gcaaatcaga gcccaatctt ttatcagggg gctttaagga ttttaacggan ggacatttta 540
atggccttan ggaatgataa tgnctgang gattnctttg 580

<210> 6101
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6101
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tacaggtgcc cgccgccacg gctagctaat tttttttgt attttttagt agagacagtg 180
tttcaccgtc tctactaaag atcaaggatg gtcttgatct cctgacctgg tgatccaccc 240
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09625469.072800

cttcctgagt tcagcatctt tatgtgcaac tntgcaaacc cttttcttaa gcttntngnt 540
ggatggttgt gggataacct gtggatgaaa cttttt 576

<210> 6102

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6102

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cacaggcacg caccaccatg cccagctaatt tttgcattgt ttgtagagac agggttttgc 180
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aaattttcta ttggcttcta cagcttcatt ttttatcta cttcagggtc acaaagctct 360
ggctgntttt ttcttgacct tttatagcct tcttctctgc ctgctcctca aatactngnt 420
atttctggcc ttggtagact tgnttctatc ttaacacatt ttccctgagt ggtctcatct 480
acttctaagg gttaatttac cacgtactgg atatctcgag aagctcttat atgaataatt 540
tgggctcaaa ttttctccca tggcannaat tttttt 577

<210> 6103

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6103

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cctgggactt tcaactgacc agttgtcccc aaagcanaag ctacgagngg ctcttctctg 180
gcttctggca tagctgcatt cctctgaatt taggggagga aacagttggg aaataccacc 240
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gttttcatca tctataagca ttcacacttt tcccttaaatt cacatgtcca atgcattgaa 360
cagaactcaa tacttgaaga aagtttgcca actccatgtt tagtcttaat caatccaagc 420
ccngggagtc ctntatcaa tggccagcag cctttgcaac agcagctggg ttcattccctt 480
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<210> 6104

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6104

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caatttggac tticagatcg ctaagccagt gaaaagggga tcctagctgt cacaaacgtc 180
acatggtcag ggtcacctgc tgctcggggg ttctcatgcc agttgttgac ataataagcc 240
ccccttacac ttttaattaca attcacagt tgcaaaactat gcaatctgct ttaaggcaga 300

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gcatttgcca	aaatataaaa	tgggtgttgct	gaccccaatt	ctgggagatg	gtacttgaat	480
cttactgngc	tctgagactt	cttttcatan	gccacaaaaa	ggnaatgcca	tatacctnat	540
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<210> 6105

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6105

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gggatcatag	atgcccgtcc	ccatgcctgg	ttaatttttg	tatttttagt	agagacaggg	180
tttcaccatg	ttggccaggc	tggctctgaa	cttctgagct	caagtgatcc	acccaccttg	240
gcctcccaaa	gtgctgagat	tacagcatga	gacaccatgc	ccagctgtga	gcctgtatct	300
taatcaaagt	cctgagaata	accttgaaga	agactccctt	gcaatgagca	acaacagaag	360
aagcaaggga	cctggaatct	ggcagacctg	ggttcgaatt	ctggctctgt	cactttcttg	420
tgaagtgact	tgagtaatga	acatgagcct	ttctgggtag	cgttacagca	caaagcaatt	480
tgaggaataa	aatgaaagag	cacgtgtcta	agtgcctaac	aatgcgcttg	acacantgcc	540
gggcttaanc	ttatttnnca	cccanncttg	anc			573

<210> 6106

<211> 590

<212> DNA

<213> Homo sapiens

<400> 6106

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ttaaaggctc	atcttgatag	gaatagaaac	aaaagggttac	cccatagttc	tcttacatct	180
ggaagttagc	tatatagagg	gtacaaggat	attcattttc	cttcaggaca	aagtcacctc	240
tgtacgccct	ttattgttga	attgcagttt	gatttagggg	attagagggtg	gtatgggtacc	300
agtaattgag	taatgggtgga	aatgtgaaag	tcagtcacag	gactctcatt	ggtgccagtg	360
tcatagttaa	gaaagaaaga	aagaaagttt	tatatatcct	gtaatctaga	ctggaagcta	420
aataattgct	aggaagcaaa	cttaagtgat	agctggtaag	tttttttggtt	tgggttttgac	480
cagagatgat	gaagtaggtg	gatcttttct	tgggttgctn	ctaaactctt	tcatttttaac	540
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<210> 6107

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6107

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aattactggg	agacaggggt	tgtacactaa	atattctaaa	tgtttctaaa	aatgaaaata	120

<400> 6110

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ttgctgtgca	aaagcttttt	aattagatgc	agtcctgttt	gtctattttt	ttaaattgct	180
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caaaatggaa	ctagtaagtc	tttccctatc	aataattact	ttaatgtaaa	tgagtagaac	420
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ctatctagaa	gagactcact	ttagatttaa	ggncaccagg	ctaaaagtga	aggaatagga	540
aatntattcc	tgccgatgca	accaaaganc	ccaggttg			578

<210> 6111

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6111

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cccagcctgg	aggcgccctg	tgctttggga	aggctggggg	tgctgccgtg	aggctgccga	180
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acatgtttgg	ggaaccgggg	ctgttcagcc	aagtaggaac	ttctgccctt	nccttcagcc	480
caagtcccan	gtcctggccc	ctgtgggcat	ttctgntggn	ccacnttcca	nggagaaacc	540
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<210> 6112

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6112

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aaaccggana	aaaagcaagt	tcagtacttc	acaaaaaat	tattaanatt	ggcaaagtnc	180
aagtgtaggg	ctgtgactgc	anatctggaa	gggtgaaag	gtagatctat	gttcctttta	240
ctatagtcca	ccatgagggc	ttcgcaaaag	gtgttcccca	gtgctgatgg	tctgtgaaat	300
ttacttattg	cccagtntag	agaatgatgt	gtagttgac	caaatacttg	ttctaaatat	360
attgttggca	cggatgttgt	gaaaaggga	cacttttaca	ctgctggttg	aaatgtaaac	420
tagtacaacc	actatggaaa	acagtgtgga	natccttaaa	gaactaaaag	gtagaactac	480
catttgacca	gcaatnctac	actagggttn	ttcccngagg	gaaagaaagt	cnttntttga	540
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<210> 6113

<211> 581

003270 59452960

<212> DNA

<213> Homo sapiens

<400> 6113

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aaaatttgtg	gatataattg	tcattcagaa	ttaagcagggt	tgattgctgt	tatctagatg	180
ggtctcttcc	tttatgtttt	tcagtcacat	aatcttgatt	tccatagtta	tcacatgtac	240
ttaaagaagt	taatcaatgc	ctatatggtc	caagggtataa	tttgcacaca	gtagtttttg	300
gtttttatat	tgtggatcat	atgtatcaaa	ggtaatatc	ataaagaaca	atgttatagt	360
tggctacaaa	gggacaattc	cacatttcta	tacaggggaat	attttaagggt	tagagttata	420
tcagctatgg	tgattgaggt	taaatatccc	tgcaggggtca	ggaacaaacc	agctttccca	480
taagtcggtg	tgaacactag	ggaagtccca	agggttatgn	cttncattnc	agtgaggataa	540
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<210> 6114

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6114

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attacaggca	tgtgccacca	cgcccggcta	attttatatt	tttagtagag	atgggggttc	180
tccatattgg	tcagactggt	ctogaactcc	cgacctcagg	tgatctgccc	acctcggcct	240
cccaagggtgc	tgggattaca	ggcgtgagcc	accgctccg	gccccattt	tctttttctt	300
tcttctcttt	ttttgagacg	cagttttgct	cttggtgccc	aggctagagt	gcaatgggtgc	360
catctcagct	caccataacc	tctgcctccc	aggttcaagc	gattctcctg	cctcagcctt	420
ccaagtagct	gggattacag	gcatgcgcca	ccacgccag	ctaatttgga	ttttaagtan	480
agacgggggt	cttcatgggtg	gtcaagctgg	gctngaactt	ccgacttagg	ngatccanct	540
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<210> 6115

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6115

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aggctcgacca	ggctcccagg	ctcccaggct	gagacaacag	aacctcagg	gctgtcttca	180
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atcccaccac	attttacatg	aacaaagcaa	atctgacatc	cacgccagg	accaagccaa	300
gaaagaggcg	gtacaatggt	gcggccagga	ggctggctgg	ctgtcaccat	cggcagggac	360
agtaggagaa	agccaagagc	cacagtgacc	cttcacaga	ccacagtcct	ccctactgcc	420
acccactcct	tgcccagacc	aaagtcctgc	tttctctgga	catactccat	tcgccaata	480
cctangcccc	taccatgtgc	cangonaagc	acaaggnggn	attggccctt	gccctttttg	540
gaanaaaccg	ggcattnaag					560

<210> 6116
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6116
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caaatgtcaa aatgtccaca aaaaaagtct ttagaaagtc aaatccactg tccatttgtg 180
ttgggtaaga aacctatgtc ttcatcact gcatggaatc catgttaaaa gaaccctgtc 240
ttggttgtat attatcacag gactcttgta ttaatccatt tttcctcaat tccccatagt 300
agactgccat cttgatttct cagtggtagg gtccatttga aactcttcaa gctgactggg 360
tgcttgatga aaaaattaaa agaaaaaac gctgttggca tcttaatctt ttaaacagaa 420
aacatccacc caccttgaag atatcctacc attcccaaaa cttttatttg gaacagcttt 480
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aagtancaaa gtccttgnac taccocagat 570

<210> 6117
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6117
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cctcatgaca ctggacagag cacacagcaa agggctcccg tctcatgaca ctggacagag 180
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<210> 6118
<211> 553
<212> DNA
<213> Homo sapiens

<400> 6118
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tgtgaaatat ctggaggta gctttctttt tagagaaagc aattatttct tcttccaaaa 180
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gcacaaacat ctgtttcatt tcttcttctt tctctgacg ttcaccatgg aactcatgtc 360
ttttggcttc ataggctctt tgaacactga ctggcttggt ttctggggcc acatctgtaa 420

008270 69462960

agcccatttc	ctccagtttg	cagcgcctgt	aaagctcata	gtgcctggta	tgggtctgct	480
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<210> 6119

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6119

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tacaggcacg	cgccaccacg	cctggcta	tttattttta	gtagagacag	ggtttctcca	180
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tctcacttaa	tatactatgg	aggtgttttc	ctatatctt	catccttaac	agacaatact	360
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<210> 6120

<211> 476

<212> DNA

<213> Homo sapiens

<400> 6120

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tcagggactg	ccgcctggg	agcagctgtc	attggacact	ggagtcaaga	ggaggcacag	180
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ctgacttcaa	gggcacgttg	agagccttca	tctttctatg	ccaaattgat	gtgactaagt	300
ggctgttcca	agcagagccc	agtgggcaaa	gatcaggact	cctatccaca	ttctgagtaa	360
gggaggatgg	agcccacctt	tgtgcctctg	gtgagaggca	gtgcgatata	acaattaaat	420
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<210> 6121

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6121

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ggagaccaga	tcccttcctt	cctggtttga	tgattgggtg	gatcttcctc	tgagcatcct	180
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tctggaatat	cagggtaagg	atgaaggtca	gtttttgaat	aaagacctga	agcaaggtca	420
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gtgttagang	gacagcatan	gctggtatgg	ctgcantgga	atgtcccaag	totaacccca	540
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<210> 6122

<211> 487

<212> DNA

<213> Homo sapiens

<400> 6122

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aaatactgga	ttgatgaaaa	taaatagata	acaaaaaaca	atatacatca	tttctatggt	180
tgctatcaga	ccccacaagt	atgtttgttt	ttacaattca	ttatagggtga	aaaacaaaact	240
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aagaacagct	gaactgtttga	gagaagcaag	ggcttcctag	cggccttcca	gtgtagcaga	420
taatattacc	ctgtgtaaca	gagtattaca	gagtttgcac	tttccaagtc	tgtaagtcta	480
nnnnnnnn						487

<210> 6123

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6123

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ctgctccaat	gagtagttct	ttgagtgtca	cttcagtact	caagaagttt	cagggttaggc	120
cgggcgcggg	ggctcacgcc	tgtaatccca	gcactttggg	aggccgaggc	aggagaaatgg	180
cgtgaacccg	ggaggcggag	cttgcaagtga	gccgagatcc	cgccactgca	ctccagcctg	240
ggcgacagag	cgagactccg	tctcaaaaaa	aaaaaagaag	tttcagggtt	tggaacattt	300
cagatttcgg	atttttggat	taggaatact	caacctatat	ctccagttgg	ttatcatctg	360
tgttttctct	tttcttccag	tctgataaaa	atcaaagtat	taatcttttag	agcaccatgc	420
gagatatagg	gaaaactata	tagaaaatac	cgtgacatat	attttttagat	ctgcattaag	480
acaaagctat	tatcggggaa	tggtgctaaa	ctttanatcc	ttccattaaa	gaaaagaatt	540
nagatgnctt	attggaatn					559

<210> 6124

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6124

aagtaggctg	ccaacttatt	cttataactc	ctctccatca	taattttctgc	aaggccattg	60
ccttattttt	ccctcagcat	ggctgcttta	cacagtgtgg	ccagcagatg	ggagcacaag	120
aaagtcaatc	tagatggaaa	acaagttata	gggataattg	gcaaagcctc	cctttctatc	180
cctctctaag	accctttttt	gcaaggacta	gaatgtgaag	tacgtaagtg	taaagaagtg	240

ttcatgaatg	tgttttaatt	cattcaaaga	ggtattttta	aagaaagatt	tcaaatacaa	300
gcaaaagagg	agaattgtta	gatgaacata	actgtcccca	gaccaacaat	tatcaattcg	360
tagccaattc	tgttttat	ctgtccctag	gaatttgatc	ctttcaatta	tttattctct	420
caccataaat	acttgtcaga	ggaagaatcc	acttcatagt	ttgcatcaga	aaaggtatat	480
gggacgttta	ttcttttagct	tttagatata	ctggggtttct	aataaatttt	acnggaaccc	540
tnttcctaa	aagaattcna					560

<210> 6125

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6125

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tgagacggag	tctcactctg	tcacccaggc	tggagttcag	nggcacgac	ttagctcact	120
gcaacctctg	cctcccgagt	tcacgccatt	ctcctacctc	agcctcccaa	gcagctagga	180
ctataggcgc	ccgccacca	gcccagctaa	ctttttgtat	ttttagtaga	gatgggggtt	240
cactgngtta	gccgaatggt	ctctatctcc	ttacctcgng	atcccccccg	cctcagtctc	300
ccaaagtgtc	aggagtacag	gcgtgagcca	ccgcacctgg	cctgcctatg	tccacttttg	360
gcatgcactt	ctgccacctt	gcacattgta	gactaacaga	gtttcaccat	tcctgtctcg	420
ttgcccaacc	actcaccttc	ctcaagaccc	caccttcaat	tcctgtctaa	aatatgtaac	480
atggattctc	cttgcttttt	aagataaaga	cccaaatcct	tatactgact	gnaagccctt	540
tgggggtacc	tatgntanc	ta				562

<210> 6126

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6126

ctacacatac	tccttatatt	tcattattct	aagttataca	caatgttcaa	caggagtttg	60
aagtttat	agtaataaac	ataagtcac	gctgacaact	gagaaaatcc	tattcacata	120
aaccatcata	gattaaaaat	acatagtatt	tgtactttta	tgcaataggg	tcccaggatt	180
caaacaagga	aatttgattc	cagagttggc	attatgtagt	tatgtactct	gctacaaaga	240
actagtggag	gtaaacttcg	gcagtaaaat	tctcaacagt	caaataattaa	tgcatttcat	300
atacatggct	ttgcatccgt	agaggaagat	cagttccttc	agcacacgtg	ccaatttctg	360
agtcttcac	tagagaatcc	tcaacagttt	cttcttcaga	atcaaattcc	tgattatcca	420
gtgattcaaa	attatccaga	ggttcaccat	tcagctctct	attagctctg	ccatatctgg	480
acatggctctg	ntacttntgg	cagtctttta	tccccctttc	aggnggcaat	tcaatggcct	540
ttgncaatt	ctttttgaag	ttctcn				566

<210> 6127

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6127

ccaaggcgat	acagattaca	gttgotgacc	tttttgcttc	tcatatatga	aaggcggccc	60
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tcatgcgc	at	cagggt	aaagt	gcaaa	ataga	tatgt	ggtga	tggcat	gctt	taaaa	aggag	120
tcgcca	agca	tttca	agccg	ctccag	gtta	aatcc	gtcac	tagcg	tttga	cagag	tcaaa	180
gcctga	agaa	taagt	ccagg	attgg	ggcca	agagtc	ccttg	aggag	taccc	aataga	aggg	240
ctctgt	ctag	aatcc	atcct	gccct	tgagc	acttg	aatag	tgtct	gtcgt	accagg	catt	300
acggcc	atca	caggac	ttcc	atctg	aggta	gattt	gttag	cattt	ccatc	aaggta	ttta	360
ttactc	agga	gagtac	attc	atcgt	gggc	tgggg	ctggt	tctcg	taact	gataaa	ttct	420
gaatgg	aata	tgagg	naatt	ggttg	cacgg	gtattt	cctg	cttg	tagta	tttaac	tgat	480
ttcctt	ggca	aaagc	tctgg	tagct	aaaac	ataact	ggca	tttgg	cga	atttg	antgg	540
aanaaaa	anc	cttaatt	ggt	gggaaa	aaac	ntgg						574

<210> 6128

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6128

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ctgctg	cctg	gacct	cctg	t	ccagg	attg	c	ctca	agca	at	cctcc	ac	cct	cccca	120
aatagc	tagg	actac	aggc	g	cacgc	ccaca	t	tacc	cagc	ta	at	ttt	gt	ttta	180
gagatg	agtt	ctc	act	at	gt	tggcc	agg	t	ggtct	caa	ac	t	cctg	ggc	240
cccac	ctcg	cctg	ccaaa	ag	t	gctg	gg	att	gcagg	aat	ga	gcc	act	gtac	300
gc	atc	ct	ttaa		tgtg	gca	agc	act	t	ctag	gt	aat	gt	taag	360
caa	acc	ctag		catc	ag	t	gat	ctt	ccag	ttc	agg	agaa	agc	gg	420
ccag	aca	agt		gca	at	gt	aaa	tgt	gt	tcag	c	aca	at	cagg	480
ggaa	acag	ag		tan	agg	cat	c	aa	ag	tc	att	c	tt	atagg	540
atttc	cn	gaa		nttt	ggg	ctc		aaa	an	at	gng	ag			572

<210> 6129

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6129

cgta	acaaa	ag	aa	at	tt	ta	at	gc	ata	agg	ca	cag	t	gag	agg	60
caa	ac	acaaa	ggg	cc	ag	ca	gg	ct	gag	caa	aag	a	cag	ag		120
tggg	cgc	cct	gg	a	cag	tccc	ct	gag	gag	ta	gggg	g	c	atcc		180
gggg	cagg	aa	gt	g	act	ag	ca	t	g	atccc	agc	t	accc	c	ctg	240
ggc	ag	ctct	t	gg	t	ctg	gat	aa	ag	tcag	t	caa	at	gtcc	ggg	300
t	gag	gtg	gc	ac	ag	tgc	cct	agg	g	ctggg	c	ag	t	ctg	aa	360
gg	ca	ac	at	gt	ggg	ctt	ctt	tt	g	ctg	gcag	tt	ag	g	tag	420
t	gcg	g	aca	ac	at	g		c	g	t	cgag	ccc	cc	g	attt	480
ct	caa	agg	ca	at	g	ctt	gc	ac	ng	a	naaaa	aa	tt	ct	ngg	540
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<210> 6130

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6130

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cccgaggaag	ggaccaata	acctttcaaa	acgcaaactg	ctgcctgcgg	tgagggccca	120
gggtcctcca	cggagaggac	aggcatcttc	ctttcccacc	aggaaggagt	gagcccggag	180
cctctgctat	gcgcaaggcg	gtgtgcaggc	accggctgca	gctttttgct	ctcttctttc	240
tctttggggc	tgggctgggt	gtgcgttctg	gtgctgatgc	tttggcctgt	gaggctgagg	300
tcggcatctc	gacccgttca	attacagcaa	cgaagaagcc	accgctaagc	gtggtcttgg	360
gggaagcccg	gaggcagtg	tcggcacccg	ggaacgtgct	caggcctcgg	tggggcccg	420
gcaggcaggg	cgggagctag	cctgaagcgt	ccgggttctg	ctgcaacgca	tcttgnacca	480
tgtcttcatt	ctcctnctgg	canaaggagc	acatggagta	naccaaccnn	ttna	534

<210> 6131

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6131

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caaatacaaga	atctgtgggc	aaaaagctca	attcatacaa	tgtaaacaca	ttgaaaaaac	120
aaatgcaaaa	taaaaaaagc	tgttgataca	tcacctcgaa	aaattaacac	aactaaatta	180
agggctatag	aaaatatgtt	cagcttatat	catacacgtc	atttaacttg	aattttacaa	240
tttttaaaact	aatagaattc	agatttatta	cttgaaataa	tggatataccc	agctgttctt	300
cataatggca	agcatattcc	atatacaata	caatttattt	agcatagttt	tatactctta	360
agtaaaatat	gttagtgatt	aaaagcataa	aggaataaat	atgccaagcg	caaaatataa	420
taatggaata	gacttatgta	ggtattaaaa	tactgcataa	tgacaaatac	tgaattaata	480
caactttcct	attattcata	atcataatat	atgaagagaa	aactgntcct	atgccnggg	540
ttttttttct	ggaaaaaaac	tttnggggta	taccnntt			578

<210> 6132

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6132

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aaaattcatg	gtccaccaaa	ttatttttca	ttattttaact	caataggaac	tttcagatca	120
acacgtacat	attgtaaaaa	atagttgact	ccacattatg	caatatacta	tagcaaagga	180
atattaaaaat	agtagataag	aaagggcact	ggagttttgt	aaaacaggaa	aaaagaagtc	240
ctgtatttta	tacattgaat	atztatccac	aatagcataa	tttgtctgaa	aataaaagtaa	300
tgatctacaa	ttatataaca	aggagtatct	tgggatattt	caataattca	aacatttatt	360
ttttagaaaa	gtggtatagc	aaatgagaat	tatgcaacta	aatcaccatt	ctaagaataa	420
aatgtcaaaa	ataatcctac	atgacatact	tggaaatgtt	catatccaac	aaggcaaacc	480
aggtnaaaaan	ggaaactaat	tcccaatagg	aagcaatatt	taccanggtt	tgcccttttg	540
ccttatctaa	atatggggcn	cctannggca	gatacctg			578

<210> 6133

<211> 576

008270" 69462960

<212> DNA

<213> Homo sapiens

<400> 6133

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gcgcgccacc	cctcagtgcc	ctatccgcac	caccatcaca	gtgacgttgt	cggctgagcc	180
ccgctgcacc	gccttggttg	ccagcctggt	gcaggctgct	tcgtagcggg	cgtcggctgc	240
ggacttccct	tcccgggtct	ggatcttttc	atcctcgaga	caggacaaga	tgaagttcac	300
ggcttcttct	ggggtaaaga	ccttgaagag	cccatcacag	gccaacaaaa	tgaacctgtc	360
attggggggtc	agctggcagc	gtctgatgtc	gggcacagag	gtgacaccgc	agcgcttgta	420
ctgcccgctcc	ccaatggagc	gtgacacctc	tagcacgccc	aaaacacgcc	catccctgac	480
gtttccttca	gcttctgnat	cctcatnogn	tcttcatact	gagttngaag	atgctctttg	540
ctgangctta	angnttgatg	gtttgacttt	ctaata			576

<210> 6134

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6134

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caacctctgt	ctcctgggtt	caagcgattc	ttctgcctca	gcctcctgag	tagctgggac	120
tacaggcccg	tgccaccacg	cctggctaata	ttttgtattt	gtagtggaga	tggggtttca	180
ccatattggc	caggctgggtc	tagaactcct	gacctcgtga	tccgcctgcc	tcagcctccc	240
aaagtgctgg	gataacaggc	gtgagccacc	acacctggcc	tctcctcctt	gtttctaagc	300
tgatctttta	gccagctcgt	ggaaccagat	catctaccaa	ggaaggcagg	cagtctgggg	360
aggcagagac	aagggaagca	agctggtggt	gtggggaggc	gagcaccagc	agacagtaga	420
agggccccaa	cacatgcagg	angtggcctt	cagggcagga	atgcctataa	ggatanaggg	480
tggtgaatga	aaatccctgg	ttaaacttac	cttctcancg	gcaggaaggt	naanggcttg	540
gcttaantcg	nccacttgcc	aagcttaaca	gg			572

<210> 6135

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6135

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agatcttata	ggtcagactg	ttaccatgga	gaacgtccgt	gctgaaggat	taatagatag	120
ccgggtatcc	tggaaaagtt	tgtgtgcttc	atacacagat	aacattagca	tactcataaa	180
aaaggctctg	gccaaatggg	atcatttggg	ttttgaaact	ctagatattt	gggatatcca	240
gtggaataat	acatggggat	gaggtggggg	atgggaattc	aaatgacagg	cccttggtgc	300
agagagacac	tcagaaagtc	aagcaagcaa	gaactgagat	gtgtctcgag	catattttgc	360
attatttggg	tccagaatag	caacaagagc	tgggtgtagc	tactgtttct	caggctgggt	420
tttacgtgct	tttggtagct	tcataagccc	caaatccttt	tctgggntca	attctataac	480
atgggncgtc	ttctaaactc	ctcggtacta	ctggnaagtt	gggncacggg	caacatggac	540
ctatggaatc	anaatctgca	tttaataaga	ctggcngg			578

008220.69462960

<210> 6136
<211> 566
<212> DNA
<213> Homo sapiens

<400> 6136
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caacctctgc ctccaagtt caagcgattc ttctgactca gcttcctgag tagctgggat 120
tacaggcacc cgccaccacg tccagctaat ttttacattt ttagtacagg gtttcaccac 180
cttggccagg ctggtctcaa actcctgacc tcagggtgaac cgcccacctt ggactcccaa 240
agtgtctggga ttacaggcgt gagccactgc acgcagccta cggatgcctt ttaaaggaaa 300
ttcttataga cccctaaga aaatgtctct gattccaacg aatcctggga ctggacaatt 360
agataaacac tgtcttaaga attagtacta cgccttaaaa aaaaaaaaaag gcttttcaat 420
tgngaaacat cacagcaaaa taagttcatt tttaacaacta gtaaaatatt agactatcat 480
aattatcaaa gtttatgatt catagnaaaa tgggttagac tcagaatgng aaattaggnt 540
taaaaaaac tgggtggttn tactaa 566

<210> 6137
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6137
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agaccttata acttattaaa ggttttatag tgcttacaaa gttgattcta aaaaatatac 120
cttatttggt ctaaataaat aacattatct ggaagatata ataataaatt atagtagtat 180
gttttcacc acgatagtta agattgtgta cacatattca atatgaaatc ctcttaggat 240
tttcacacct tcagcctgaa aacataaaaag cagattaaag tttggcatac aagatctcag 300
tctgatagta attgctttta aactcaaagt gtaaaaatat ctacttgaca ttctaggaaa 360
gcatggccac atgcacagac acattctctc actcactcca acacacacgt gtgcacacat 420
actcacacc cagagtactc agaagatctt gcccttgngg atcagacaac tggcaccaat 480
ttcaaaaact aatggaaaaa attagctaag aatatggtta aaccatactt aanaagggtgc 540
tgngtgnocat taaganccta acatgcnnaa naagccctct caa 583

<210> 6138
<211> 514
<212> DNA
<213> Homo sapiens

<400> 6138
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gccaaccccc acctntgcca atgtgactgg gtcaccaccc catacaccag agcagccttg 120
agccctgccc caccacctgc cctgoggaag ccaagtcccc agctataana ccctgcccct 180
cctgngggcc caggaccctc aaagatgcac acaggggccc cagcgagggg cccctccgtc 240
attagccttc tcctccaggo tgggctgcca agcagcctgg agctgagtct gtcccttgga 300
cgctgggcca cgtcaccttc tcctccagaa ggcttcacct atgggcccag gaagtcctcc 360
ttccgatagc ccttcgcccg aaagtcacgg tggagcttgt tgnactgcca caggttggcc 420

aggaggctgg atgcttgccc gggaggactt ntcactggcn gggcttgccc gcttnttntt 480
gatgaaaatg acttttggag nccgnnaaaa tacc 514

<210> 6139

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6139

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ttttcttgct tgctcaggac tattaatttg acaaggttgg aatgtgcaca gcacagctga 180
gacaccacca ttttaacact gaatcactat accatgaact gacagaaccc tgcatagaagg 240
atgaaaaact cataccctaaa gtcaagaatc acacagcagc atggagggggg aaaatgaact 300
atatgatgct aaccgcattt aatttcgaag tgggggggaaa cagggcattgg ggagtgaata 360
atggttgaag ttccaggctc taactgtcat ccttaagtaa attaagttaa actcatctat 420
taaaaagtga gttaaaacag atgagtttta aggtccatct caactctaaa tgagatccta 480
gcaaaaccan ggaatccncc ctttagatcc ttatgaaacc caggaaaagg tggggcccag 540
tgcttacctg aggcacagtt ggaaccaccc tn 572

<210> 6140

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6140

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aactctgtca tcatcccagt gtgaaagtg tttagaaacc atatatgtaa aggcagggtca 180
attaggaatg tgctagctga agtcttgacc ggacagcaaa ttcattccatc cacctaccta 240
ctgtgtttat gtaccaggct tgataaatac agaaacaaat gagaccagaa ctacaaggta 300
agaaccttgt cgtctgtgat gctgggcccc ctgtcctact tcaaaacaga gtgggaagat 360
agaaaggatt cttagatgag tctctaattg aaggaattca agttttactt attctccttt 420
cccagggaaa tgggaggtgc tctcaccat ggcctcagcc tttncagtac ccaagaagtg 480
tgggatttct ctctcttttg gatatggntt ggtctgggct cttgcatggg agacagagga 540
cnatgnatac tatcanttgg tanagccttt agn 573

<210> 6141

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6141

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6142
 <211> 569
 <212> DNA
 <213> Homo sapiens

<400> 6142	
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aaaactattc agcgtctcog ttcttgcttc attttgtttc acagagatct gcatttctga	120
gtttccaggc tccaatagca gttctgttaa gaacagacag ccagtatcat cctgagcact	180
gaggtatgct ttccatggcc gagaccagc cctactcatt gcgatgggtc ggatgttcac	240
tacttgaaga gccatctgga ggggtgtcagg atggaattct ccccgccaag gcaacacttg	300
ccgatgagca actttaaggc taagccaagt tttctcaaaa taatcagcag taagctggcg	360
attggggact agcatgaggg ctccagaatc agggagtctc tgtaccctct ccttgttctc	420
ttcaggaatc aagggtccta aaagagacag aaaacttgtg tgaaagatgt tcttaatctg	480
taggactaag ntttttatnc aaattccaaa tgtcccaatg nggcctttat ttttggacaa	540
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<210> 6143
 <211> 570
 <212> DNA
 <213> Homo sapiens

<400> 6143	
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agtccttggt gcgtatggac ggaaggctcc ctggcaccca gatgtctccc ttctgtcctgg	180
ctgacacaga gcatggtggt catctgctct tcatgtccag caggctcaga aagaactcgg	240
agttcccctc gcacccttgg gccaaagctt tcaagtccga gtgccaggac tggatgagct	300
gggggttttg tgtctgctgg cggcacagtg ggtgtgcaca agaccaccat ttgggtatct	360
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gttgattga gcttcctttc aacttcatct tatcgtaggt gtagaattaa gtttcggacc	480
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<210> 6144
 <211> 583
 <212> DNA
 <213> Homo sapiens

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ggattacagg	cctgagccac	cgtgcccggc	catgttgctt	ttataattga	gatatttcat	300
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aaacaatgcc	tagaatgaat	atggttcctc	attattttcta	tcaaactact	acaaatactg	420
aagaatccca	aagtagtttt	ccacagaggc	agaaaagcag	ttcaaggggt	tgaaaatctt	480
caatattaat	aagccctggg	acattttnaat	gggactttat	atttcaaggg	aatgcaattt	540
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<210> 6145

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6145

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gtggcctggc	cagccctccc	ggggctatgg	ctcagtgctc	agtgagtgac	agctgcagga	180
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aagacaactc	cagggccagg	cgcagctgct	cttcaaagct	gggtggaccg	ggggctgggg	300
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cgggcccggg	tgttgggtcaa	gggcttccca	gacggtcacc	tgctccgnct	natgcccgtc	480
tcaagcangc	tctgctggat	ggcgaactgc	aggaaggcat	ngncctcgctc	ccgaagggtc	540
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<210> 6146

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6146

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tgtgtgccac	gacatccggc	taattttctta	atttttctgt	agggatggga	tcttactatg	180
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cgaagtgctg	ggacttacag	gtttgttcca	ccatgccagc	ccacaggctg	ttttttagga	300
ctagaagaca	cttctctccc	ctgtatcctt	cccttcttct	acatgtgcaa	cctcattcct	360
gcgctacagc	tctctcttta	ccagggtggat	ggcacctata	cacctacagc	ctgggcatca	420
gcatcactgc	tggcgtctcc	ccctacccaa	cgccagccct	tacttacctt	ctattctctc	480
atctacttgc	atgnggctcc	tcattttgggc	cccaccatca	ttcccttctc	gnttgggaagc	540
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<210> 6147

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6147

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cccgagcagc	tgggactaca	ggcgcacacc	accacgcccg	gctaattctt	gtatttttag	180
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aaaagttgcc	ctccctctca	tttctttttg	ctttgacaat	taaaacatca	gacactactg	420
ttcaaaaagca	cccaaaagac	cagtgcataa	aaacaggtag	cccctaattc	atctgcataa	480
gacataactg	nttatcaaac	cgattataat	caagcatttn	cnaacagctg	gcttatttct	540
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<210> 6148

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6148

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gctgtgaatt	ttctgaacca	tgtatgtgaa	ttaatttgca	caggttttcc	cccattactt	180
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acacgtttca	catttataga	ctttctctct	aagtttngga	tttgacatct	gtggaagggc	480
caagncttgc	ggaagacttt	tccaacgctg	gcccanttac	anggttcttt	tancatgcgt	540
ctcccggtt	gggtaaggat	aaggnccacc	naa			573

<210> 6149

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6149

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tacaggcgcc	cagctaattt	tttgtatttt	tagtagagac	ggggtttcac	cgtgttagcc	180
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ggtgacaata	agaaatgcta	ctotttaaat	tgccttcctt	atttcagaga	ccaagtgaca	300
gtgtttaaca	ccagagacac	agtgggcaca	gttactttca	tgggcagcag	ggccacagtg	360
gtaaaatgaa	tgtttttgac	ttgtgagggt	ctttggtagt	atctctagga	ataaaaatagc	420
ctactaaaat	atatgttgat	ctacataatt	agaaattatc	angnaagtag	aattotaatt	480
tggatcacca	taatagncat	gggcctttcc	ccaggttttg	gaacctgaca	atTTTGCAAA	540
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<210> 6150

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6150

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tcataaatta	acaggaaagg	atgagaaatc	tccactccac	tccctcctcc	ctcccttgat	180
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agccaggatc	ctgataacca	ctgctgactg	cccctctgcc	taggcaccaa	ctaaggtggc	360
tccaaaaagt	gaggccttgt	tgggaaggga	aaaaacagca	aaggtcaagc	ttggatgaac	420
ccatccagaa	ttttgcaatc	agaaatacct	agaaaagaat	tatttttagaa	gaacaggggg	480
atgccagggc	ttggggatga	ggaatgatgt	ttcagtgcct	aaggncctg	aaggcttggg	540
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<210> 6151

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6151

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tggtcctgaa	ttttaacatg	ttttgctcta	cattaattca	agaaataaaa	tgagaaacag	180
ctttgaaaat	gagattaact	cctttgctgt	aattatactt	actctataat	tcaaactatt	240
tagctgaagt	cagttaacga	gtaaaaaccg	cggatacagc	tcaaactgct	cttaacttct	300
ttaaatgttt	actgttctat	caaaactcag	acccaagctg	cacagggtgta	acttgaggca	360
ctaacaatct	tcctaccaga	cgtaatagtt	ttatgtgttc	ttaaagctgg	gcgcatatac	420
aaaatcactg	tcatacacaca	taaacatcag	aaacttttct	tggacaacta	gaccaatagt	480
ttcctctatt	ataattat	ttaaatcaag	catgtgtaac	agttcagcat	ttaaaaggac	540
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<210> 6152

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6152

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ctcaatataa	ccaaaattaa	cttcccaact	ctttaagcct	tcttttttat	cacaatattt	240
atttccacag	aaaaattgac	cttttcctga	aattacttct	ttttctactc	gccacctaaa	300
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gacagatttt	tctcttctta	taggatttga	agaaaataca	ttgaacaatc	accaatttat	480
ctggtaaaga	acaatctact	ttaagatagc	ttaaaagtta	tangtgccan	gccacaagat	540
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<210> 6153
<211> 580
<212> DNA
<213> Homo sapiens

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atTTTTTgt agagacaggg atttgctttg ttgcccgggc tggcttgaaa cccctggcct 180
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cccagcctta ttcttgagta atttttcttg tcaattttat ttttctgttg tgagagtgat 300
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aacctgaang ccangggacn attnggttac tggaaacctcc 580

<210> 6154
<211> 574
<212> DNA
<213> Homo sapiens

<400> 6154
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gtgaagcccc tccccataca tacactccgg tggatgtgag cgagggtcct gttgccacat 180
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ggctgntggg ggcttnatcg ggcttnctt aggt 574

<210> 6155
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6155
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tgagctgccc ccagggtgtg gagctgctga atcttctgac tcatcatttc catgacggcc 180
tgtttcatgg cgtgcttctc ctgaagagct ggttggattt tctccatctg cttgggttaga 240
aatctatct tcctcttgaa gaagtccttg gcacctcag ctgtcttctc tacatagtag 300
ccagttccca catcgatgag cacgtgttcc acatcatgca gcttccaggg gcatacatct 360
gagaagcaag aattaaggga aaaactagcc agcccagcat gagccatgat tccgccagcc 420

000220-69462960

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tctgganggc	ttagacaatn	ctataactnc	aatggaagga	agacggaaag	ttggtcttaa	540
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<210> 6156

<211> 508

<212> DNA

<213> Homo sapiens

<400> 6156

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ggactacagg	ccacggcaac	actcccagct	aattttttgt	atttttagta	nanatgggat	180
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agcaaatccn	ggatctgntt	tanggacatc	agggtcttgg	gctttaaacc	tttcccgtat	480
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<210> 6157

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6157

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tatagaactt	atagcaaaaa	tagttctagt	tgatttcatt	ataaataacg	ttttcaagaa	120
cctgtgcaaa	actgtcaata	atttcctaaa	gcacaattga	tcagaaaaat	ccatgattgt	180
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cacttgccn	ctcaacagga	accgctgtcg	tctgcatatg	tgcatactgn	ggcaagtagg	360
ctccttgcat	aactgacgtt	gcaggcatgt	atggtncn	gctggctaata	gacagatgac	420
tcatctgctg	ggccnaaagg	cttgacattg	atgccggct	tnaatgacat	ggggggctcc	480
attgagggag	ttaacacggg	acccaggggc	ttganaatat	atgggtgagg	ttgcttcccc	540
naaggctttt	gacctggtag	gonnatcccg	ganaatncat	nttggggg		588

<210> 6158

<211> 527

<212> DNA

<213> Homo sapiens

<400> 6158

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gcaataatag	agaactttta	actttgtatg	tcacagagaa	tgnatatacc	tttttaataa	180
aaagcctgaa	taaaccaata	actattaaag	aaatcacaaa	gctgattaaa	aatctactat	240
taaaagnctc	atcaggatta	gatttggtta	cactttgncc	tagctaactt	ttaacaaaca	300

atggagcctc	aatggcctgg	gtgacaccca	aggtctctct	agactcttat	gttctacctg	240
tctttctgaa	agcccatgg	agtggggagg	acagccatga	catagtaaga	aaaggagaat	300
tccctagcac	ctgactgaaa	aaaataactg	ggaagagaga	cagtgacaat	acacaatata	360
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tgtggatgtt	cacacaccgg	cccaacttcc	ccaagaagat	aagcncat	gggaaaatca	540
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<210> 6162

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6162

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agacctctgc	ctcccagatt	caagcaatcc	tcctatctca	ggctcccag	tagctgggat	120
tacaactgca	caccaccagg	actggctaac	tttttcgtat	tttcagtaga	gacagggttt	180
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aattttttgt	aacacctcag	ggtagagatc	tatttcatga	tcaacacaat	aaatangaga	480
caaatacctt	tgnttgcaag	aaacagnttn	ccaagcataa	tgggatacct	aggttaccat	540
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<210> 6163

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6163

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gattacaggc	atgtgccacc	acaccagct	aatttttttt	gtatttttag	tagagacagg	180
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cagtgcagat	taaaactgga	tattaaagtt	aatggtgaca	aattattaag	tagtttgaag	480
aatccttag	aatatcaaga	ttaagagaga	cttaatggcn	gaagaaaaaa	gctactgggg	540
gttcaaagct	taaggtttan	aattctggcn	tgggatctta	acccttnt		588

<210> 6164

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6164

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atacatgcac	cccaaactga	tctgttattg	aaatttcctt	ttctgggtctc	accattact	180
ttaacatata	agaggaatta	acataacagc	ctagagaaca	gaaataagag	ataataggtg	240
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tggtagtagt	tccttgaatg	aaagagttca	gacagaatct	tccacaaaaca	caaatttttg	360
cggatatcaa	atcttggcag	agatggaatg	gaatgatatg	agagccatat	ggaatcctca	420
tagcgggtcc	cgcgttgcc	ttcagggtgg	agatgaacag	gaangctcgg	accggcgggc	480
tgactcctgg	gaagtctgct	gacagaagnt	taacacnggt	tggccccctt	ggccccgggtt	540
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<210> 6165

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6165

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ctcaaagaat	agaggcaata	tatagcccat	cttactagac	atacagtatt	aaactggact	120
gaatatgagg	acaagctcta	gtgggtcatta	aacccccctca	gaaagtctaa	gattcagaat	180
gtctccatca	tattagaaga	aaaatgtact	gtattaaaaat	ttaaattgca	tttttacaag	240
ttgtttttta	attagtgttc	tatttacatt	gcagaacttc	caccaactgc	agtagtttaa	300
ctttggcaca	acattaagtt	ccatttcctt	tgggtattgg	atcctgcttt	ttgagtgtgt	360
atgccccaaa	acgttttcaa	tgtcatcaaa	gattgggcaa	attcacagta	aatcagacat	420
cttgagttga	agaattgatt	ctccttcaac	gttttangca	gattcagnca	tctggattta	480
aacagcttcc	gttcacatgt	cgnnggaggt	nccaaggggc	actatcattg	gntcttcttn	540
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<210> 6166

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6166

attgcctaata	gacctatata	gaaccaccag	tatagtgtta	aatagaaatg	gcaagaacag	60
acataatttgt	cttattactg	atgggaggag	gaaggtaccc	aatctttcag	cattaagtat	120
gattgttagc	tgctcggttt	tcataaatgc	ttgtttacca	agttgaggaa	tatcccttct	180
attcctagtt	tgctgagtgt	ttttatcaca	aacaaatgtt	gaattttgtc	aaatggtttt	240
tcttcataag	ttgagataat	ccatgcgtgt	tttttgcct	ttattagtag	attatattac	300
attaattttcc	atatactgaa	ccaagctttc	attcctgaga	taaattacac	tttgtcatcg	360
tatatagtca	ttttaatatg	ctgctagatt	cagtttgcta	atattttgtc	aaagattttg	420
gctatatatta	taaccggta	ttggtctgta	agtttcttgg	ggtatcttgg	gttttgnaat	480
actggnctg	gaaaaagggg	taagggaagg	tcccattgga	tccaattttt	gggaaaagtt	540
gtgaanactg	gcntcaacct	cttataatca	cccgg			575

<210> 6167

<211> 573

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6167

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ccataagtga	acatggatgc	tottcaatat	ttttccagta	ttgaatgaaa	aaagacctct	120
gccccagccc	acatttcctt	tgttgaatga	gtagagaaga	ctgagaagta	tactcaccac	180
gtgatgtggt	ttgtcccttt	tccagccagt	gtgttggtta	taaaagtcac	ctttcagagc	240
tttggtccct	gtaatgccc	tctttcctgt	gtccaggaat	aacctttgct	actaggcagt	300
cctctgaaag	attttagtaa	ggttaaagt	gaaagggact	tggaagctca	tagaatccat	360
gcctcttctt	ttagcatcaa	ggaattagaa	gtcctgagag	atgaagaatg	ttgtcttcca	420
actcaaacca	tttctgaagc	catttccttg	gtactgcatt	gnccacaccc	tttccccatg	480
tatcctcatc	cggtaagctg	ntttaatgct	ggacagnctg	attggctttg	gcagcaacat	540
ttgnittaca	gattcctact	taaggaagaa	agg			573

<210> 6168

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6168

aaattaaggc	tcgaaagaag	gaaaaggact	gaaactataa	atgaaaccct	tcatgtttct	60
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ggacctatcg	atgtgcctat	ctttctacac	aggggctgtg	aatgaagctg	caggctcacg	180
tgttaagggga	aggccaggca	aggaccagg	acagtctgct	gcagaggaaa	ggggcacctg	240
acagctaccg	acagaggagg	agggcgcact	cccctggagg	aggagcagga	gctgtgagcc	300
tcctgagaca	gccaatgcta	actcggtgaa	aaaggttaag	accgactaac	attcacaaaa	360
cagccaaggc	ataagggtct	tgcagcttag	gaatcaatgc	ggaactcaga	tctacatgaa	420
ttccactcag	caaatgtaaa	gccttttttc	cccttccctt	ccacatctct	tctgggatga	480
gccccatagg	atcctggagc	aggggatgtc	ccaggggccag	tcagaacctt	accggagtgt	540
gaancaaagg	tgccctttgt	gggtntctgg	gggggcaaca	cttt		584

<210> 6169

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6169

ggtctgtttt	caggtttttt	tttttttttt	tttttttgan	aatgggtcct	aaccactttg	60
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ctgggattta	caggtgtgag	ccacatcaaa	atttaaaaag	caaaaaagac	cccatgattc	180
tgttacactt	cttattttta	cttgaatata	nagtcctttt	gtttgtttgt	ttgtttgttt	240
ganacanagt	ctcgcntgt	tgcagaggcc	anagtgcact	gacgcaatct	cggntcactg	300
cagcctccac	cacctgggtt	ctaattgatt	tcgtgcctna	gcctcccag	tagctgggat	360
tacaggcatg	tgtcaccaca	cccggctaata	tttttggtatt	attagtagaa	acagcatttc	420
gtcatgggtg	cccaagctgg	ntttnaactc	ctgagcttan	gcaatncggc	caccttaagc	480
ttccnaaagg	gctaggatta	caggcatgaa	nccncatgcc	aggccaaata	agaccctttt	540
taatttgaat	taccatcccc	ttaagcngg				569

00629469.072800

<210> 6170
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6170
ctaataaaat aaatatittta ttaacgaaag tctggaaaat gtgtgcacta aaaagtgact 60
ataaatgtta aattaaaaaa ccttcaaaga acacatatca cacattcaat ttttaaaaact 120
ttatataaaa gctctattat aaatacaaag ctaaactatc tgagtactaa caacacagtt 180
catacaaaga aacttaacag tagtaaaata cagatatata agatgcttat ttttggtcct 240
ttaggataaa agaactaagt tggttttttt tacatggctc caggcacaaa aatagaatat 300
aagatggtaa ctgcaacatt cttagtgttt atccttgtaa ttctttaaat gtcaccagtc 360
ataatagcaa tgaactcctc ttggtttact gtggtaagaa agaaaatgaa atagtcagaa 420
atataaacat tttatttttt cagaatccac gactaccatt ttacactaag tatttaaaaa 480
attttacatt atgcaaaatt attacattaa gacatggctt tttggctttt acttcttttg 540
taggaagngg acctggttat taaaaggnac tttttggtgc caaaatc 587

<210> 6171
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6171
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aataaactct ttatattgaa ttccattcca taataaaaaa aaaaaagaaa aaacaaaaac 120
aaagcaagga gctctatttt tgggaaaaca atgggtgctc actgcttaac tggattgtat 180
tttatttggc ttttcaacac ggcaatacaa acatattatg aaatgagtga aaagggcata 240
ataattttat tctaggtttc tactaccttc atgattaaga cttaactagc tactgctgct 300
tgcccataat ccactacagt ccctaaacaa aaaaactatg aacaaagaca aaaataatct 360
gtaatttctc ctacaaaggt taacccaaat taacttacag cagaggtgaa caagctactg 420
cctgtgtgcc aacataaccc agcttgtttt tattagtaag gttttacata ttatctatga 480
ttggtttcac actacatttg caaagctgaa taactgcaac agaaatcaca cagcctgcaa 540
agcctaataa ttcctatttg gcccttaaaa gaccnnaaaa tttggtgc 588

<210> 6172
<211> 585
<212> DNA
<213> Homo sapiens

<400> 6172
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aggggggctga aaccaggga ccaagtggct ttgctcagcc ggtccattc cgtggagcc 120
cagcagtcta agaaccactg gcttgaaatt ctactgcca gcacagcagt ctgaagtga 180
cctgggatga tctagcttgg tgtgggaagg ggcattccacc atttctgagg cttgagtaag 240
cagttttccc cgacagtgtc aaggaggctg ggaagttag actgggcgga actcaacaca 300
gcgtggcaaa acagctgttg ccagactgcc tttctagatt cctcctcaca gggcagggcg 360
tctctgaaag aaaggcggca ggcccagtc ggggcttaga gataaaactc ccctctccct 420
gagacagatc acctcaggga aagggtggct gtgggcccag cttcagcgga tttaaacatt 480

000220-69462960

cctgcctgcc	acttntgaaa	aagtgcanca	gatctgacaa	ggaggattta	ccgcacaact	540
tgactttgta	aggacagnnt	gcttctnaag	ngagtcctga	ctcgg		585

<210> 6173

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6173

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agggcaatct	tcagaattca	ggagttotga	tattgagaga	atataaagga	taaaaaaaaa	120
ttctctcata	tttaaataaa	gaatcttatc	atgccaaaga	ccaacaacaa	ggcaacattt	180
accttgaaaa	ttgcttagng	tcctttatgt	gtaattccag	gagggaaaat	ctgctgcctc	240
attcttatct	ttcctttctac	tcacgaaaat	gaagatacgg	tctttccata	tcaattcatc	300
tatagctctt	tcactcaata	attaaagatt	tgggaaatat	aacctatggt	cttgggtcaa	360
caacttccca	aggggaagaag	catcttcagt	aactctgaac	ttcacaggaa	aagggtaaat	420
cttgaagatg	aagtactggc	aaatatatgt	catatccttt	tccatttctt	tgaatgaaca	480
tacatncatc	natanagtcc	ttggatgnat	ccagctggaa	agaanggggtg	aggtaggacg	540
ttnttcgggg	catngtactt	gaatgatgga	tttatc			576

<210> 6174

<211> 597

<212> DNA

<213> Homo sapiens

<400> 6174

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ggaaatcct	ccacctctaa	cagagcgaag	ttactggctt	tctgcttgct	ccaagaatcc	120
caaggcttga	tgtttggaag	gaattatctg	ttcttcaact	actcccagat	actcaagaca	180
taagttacac	acatctggag	aagggttctg	ccctgctgaa	gctagatggg	agctcaatgc	240
atgggagaaa	ggagcatcaa	tctagaaaaa	aatgatcaaa	gaacagctga	gtgacagtgt	300
ggggccatcc	caggcaagtg	ggctcttggt	gctctgggtg	agccagaacc	catacaagct	360
gggctggcct	aggaagccca	ccagccagcc	tgtgttcagc	tacagcttct	gtgttcttat	420
ttaccatcat	cagccacagc	ccttggggagc	aaagccctta	gacgccttct	tcaagcccct	480
gctgggtggg	ttcatcatta	tcttggcctn	ttccaaatct	gaatgnaagc	ctttgacagg	540
gggatcattt	ggggaaggat	gtcagtoncc	tggaggcttg	gaatcatacc	attgocg	597

<210> 6175

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6175

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catgtgcaaa	agtcccctag	aaagctgggc	ctcgcagtgt	gtaaaaaagg	ccccccatgg	120
ggcagagccg	tgcaaccatt	ttaaaaaaaag	agacagttag	agagaaatca	ggccccctgg	180
gagcctggct	tgggtggagt	gcacatcgct	caggccggtc	catgtgccag	gccactcctg	240
ctggtttggg	ggctgttttc	ttctctgatt	gtgcttttct	ttccaagtcc	ttaaaactct	300

ggggtttag	ccaccagaga	gaccagacca	agtcctcggg	gtcaggaggg	tatctggccc	360
ggcgggtgcag	tttgagggtg	acctcacaca	cagacaccca	caacacaatg	ctccccact	420
gctcagcccc	gccagaaact	cagggtctcc	tggcctcgca	gccctcgcca	gccccttggtg	480
tcccacctnt	ggccctgacc	tggccccaat	cgggccttat	gtcacaattc	caggganggg	540
cactggnctt	gacacaaa	aagggtttcn	aaccctnggg	gcg		583

<210> 6176

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6176

ggagtccag	tgggctttta	ttgagataaa	ttaacaaaaa	ccaagatttt	accatatttt	60
tggaacctta	taaactcagc	agactccggt	ccatatatgc	gtacatacaa	cataacacat	120
cccaacaaaa	acagagcccc	ccccccccc	cactggaaca	tctgccaatt	aagagaaagc	180
caattttccc	ttccccaat	gtttctgaaa	ttttgagttc	ccactgttca	cttctcagtg	240
gaactgggtcc	cttgtggcta	gggacattgg	aattctctac	catttttact	gaacaaaaaa	300
taattttttt	tcctgtttca	aaaaagggaa	tagtgacttt	gttttctcca	ggctcccctt	360
cccccataac	caatgtaaaa	tacagcagcc	tgtatcttaa	taaccagcc	ctaccccctc	420
ccttaccag	cattgtctac	tggagaattt	aaatacactt	ctgttggaat	ctgtcagctg	480
tggatgggca	gaagtccagg	tgccaggcta	gctcctntgc	ctatgactgn	gcaaccnttg	540
gaccttaact	tttaccctaa	agatgagttt	agatccaaag	ggg		583

<210> 6177

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6177

aatcacagt	tacaaaaaga	aacagtgaat	aatttattac	atacgctata	ataacattac	60
tctaaacact	attgtctatg	aggtatatct	gagaaaattc	ggtaaggaat	tgcgcggtct	120
gcattgccaa	catgccccagg	ttcatagtaa	agctttggaa	ccgtgaagaa	ctagaaaaaa	180
gggaagaacg	agggaggcag	aggaggagac	atagagaaag	aacctttggt	attagtacaa	240
atcttgttct	ttgcagggtt	gcattgcaaa	gcaccacagt	acaataagcc	caccaactga	300
ctgtatggag	gccagttga	agctgaggta	ttcacaggaa	gaattaaaaa	aagcacagag	360
aggtccagac	tggctaaatc	gttgcttttg	ttcaagcaag	gcactcgtcc	cgtggttatg	420
tcacactttg	caagtgaagc	atgaggctgg	ggggattgct	gaggagaggt	ctgccaagtg	480
ggggtgtttt	ctgngtcang	ctgccatcgc	tctttctaga	tcctctctcg	tatgggtgtg	540
gcagtatgga	aaatggggaa	agtnatgttc	acttataggg	agctcttctg	t	591

<210> 6178

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6178

acgtgaaaga	gtattttattg	aaaacatggt	tactgacagg	aagctcctgg	ctgttggttaa	60
atccatttca	agaagcagtt	tcttggtgactg	gaaggcaagg	gcattctgctg	tttgttcctc	120

008270 69462950

gtggcccaat	cccaggcttc	atgggtgatgg	agtgggcaga	gcaccctgcc	ttcatgactc	180
ttagtagaca	gggaccaaga	ggaaactctg	ggtgggtccga	ggtggggttg	agaaatggct	240
ggcatttact	ggccaccaaa	atcactacag	attctgtaca	agcaaaagac	aaggcaccag	300
aatgtaagt	tctctcctgg	gccccaaaatc	ccttctcctg	ggtaccgtcg	tttctggctc	360
caggctcagc	catagtata	gacaaaagtca	tagctgctgg	gctccttggg	gatggggggt	420
tgggcttcgg	gaatctggat	gttctccagg	tccaggaacc	cgcagcttca	tctncatgct	480
taacaaggtg	gccangncac	ttttgggcaa	cttactggac	atgtccttcc	caaaaaggca	540
cttngggccg	naatccnaat	ccn				563

<210> 6179

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6179

gaaaagacca	agtgggtggct	ttattagggt	aaatatatca	cagttgctac	agtgaattga	60
gctttctcag	aagctattat	tttctttggg	tgattggcag	gtatagggca	atagccagt	120
gggtgtcagt	aatatgccct	gtccctgacc	tcaaaggtaa	agggatagaa	aagagagggc	180
gttgacaaac	tcattttccc	acttcccact	catggcttat	attatctctg	agcatctcgg	240
tggctattcc	tcattttactt	aagatgtttt	agtcattctg	gatgtgcaaa	tgcaaggcaa	300
gcattctccc	actggccccc	taacggttaa	ctatcctggc	ttaaaatttt	cctttgctca	360
cttcattct	atgagtatat	cgatggagca	gctggacatt	agagttcttt	ctctttgacc	420
aaaggagcca	aaatgcggtg	acttgacttc	aaccccaaca	gcccctgtaa	gtagccctgg	480
ccaaacagaa	aggctaactg	aatgaagaaa	aaaggaagac	aattcatctc	agtggccctt	540
tttgacagct	tncaangggg	gtttgcctaa	ggaataacaa	ttttcntaa		589

<210> 6180

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6180

aaaacttaaa	acgtttattt	ctggtagaaa	tgataaatac	tttgcactaa	aaatctggaa	60
ttcaagtttt	cctcgtactt	catgctccct	ccctgccccca	gaaccttaca	aaaaatatttc	120
tgtgtagaga	gggaaagagc	tgggtgcctgc	tctggaggga	acgtccagggt	ccgggaaagg	180
cactcgtggt	ctgtgatctg	tctcagtgat	gggaggtctc	cactcgcccc	acaggcagcc	240
tagggaccta	ggccgccccca	tgatgagatg	ccagcatccc	ctcagggtcta	ggcctggaca	300
gaggctgctt	gtcttggggc	attagcacia	ccactcacc	agagcagtgc	tcctgcccc	360
agccctccc	cagagcagtg	ctctgtcagc	ccgaatccca	aaggtcacca	ctgtcctgac	420
tgctgcagga	acaatgtgag	gctttatgtg	gatcaactgc	gccaatttgg	ctgttgactt	480
aatgctcctg	gtgggctgct	tatggttaaa	aatggtggtt	cctgggttgg	gaagggaan	540
gggttacctg	naaccnccgg	aacnnngctt	ctacct			576

<210> 6181

<211> 581

<212> DNA

<213> Homo sapiens

09629469.02800

<400> 6181

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agttgaaagc	tctagacaag	acagctgaca	aagatggact	ggaaaggagt	ctctgagaga	120
gattttatag	gtcacatgaa	cggactcact	gttaagcaga	gcctacttta	ggtcttacct	180
aatcaaagt	gtgaccagt	tagccgatta	atacacactc	aattagatta	gcaaggagta	240
acatgctgtt	tcaagtaaaa	aacttttggt	gtgaaattgc	agctgtttgg	agccatttag	300
tagaggcaga	gggcatgcag	catggtcagt	acagggtcct	ggggagacgc	tgtaggagag	360
aaggtgcac	ccctcagcat	gctcctgcag	tgcccagcat	cctaaagtac	tcggtggcca	420
gcagcctgct	ccagagactc	tctcaaacgg	ttctgtttgt	tgaagtctcc	catgagatcc	480
tncccagcac	atgggagtag	aaataccatg	caagttcgtc	tggtgacatc	ccagcaaatt	540
ttnggcactt	catganaccg	tgttcctttt	caaaaggcag	a		581

<210> 6182

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6182

nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6183

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6183

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gtcagacttt	attctgaaaa	taccataaag	agacaaaaag	agttagtcaa	gtattcttgc	120
ctgctggaga	cacagaattt	caatagcacc	ttttttaaaa	aaagacatga	acattttataa	180
aattgcagaa	catatcttac	atattcacat	ataaaatcat	gaaccaataa	taatccggat	240
ggaaaaactg	atctgtttca	tcaacatcaa	taaacatttt	gttgagagtt	tgttccacat	300
attatacttc	cctcagtata	ttagaagtac	ttcagctttc	tatttgaagt	ggttttccta	360
aaaataacct	tttcccctgc	tcaggataac	cagctattat	tatagtatac	atattataat	420
aacaaggnat	atgtctttga	cctcatatat	gactncccag	ttgctcagga	atagattact	480
ttcatcacaca	aatgggaaaa	gatgtcaata	ttgatgatag	tatcgaaaaa	gtggagctac	540
tttaactgng	taaattaacg	atgnca				566

<210> 6184

<211> 571

<212> DNA
<213> Homo sapiens

<400> 6184

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ccagctccgc	ctcccagggt	catgccattc	tcctgcctca	gcctcctgag	tagctgggac	120
tacaggcgcc	cgccaccatg	cccagcta	ttttttagt	tttagtagag	acagggtt	180
accgtgttag	ccaggatggg	ctcaatctcg	acctcatgat	ctgcccgcct	cggcctccca	240
aagtactggg	attataaggt	gtgagccacc	acgcctggcc	aataaaaagca	ttttaaaata	300
ccaaatattt	taaaatacca	aataatcaaa	aagtagttgt	caacactggc	caaaactgcc	360
aagatgttaa	cattagagga	ggcttgaaga	agaaagaagg	agggaggaat	aaaaaccaag	420
gagggagaag	agctacatta	aaaagagaga	gagatgtgaa	atgaatccac	aacgtcatca	480
tctaagcaac	aaggnacctc	ttcatcctgg	attctggcac	ctatatcata	tttcnttaaa	540
atggnatgaa	tcaanttttn	caaattggcan	g			571

<210> 6185
<211> 568
<212> DNA
<213> Homo sapiens

<400> 6185

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cctccctcct	tgccctccca	aagtgcctggg	attataggca	tgagccactg	tgcccagccc	120
tcataaagtt	ataatatggt	agcctagggc	tggtactcaa	tatgctgtgc	ctcgcagtat	180
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<210> 6186
<211> 574
<212> DNA
<213> Homo sapiens

<400> 6186

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gaattcagtc	aaaaagaata	agcagtgtaa	aggcaataaa	gtaataaaat	cagttagtgc	180
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ttttcaatca	caaaaagagc	atagtcataa	aaaccattct	tttcaaaaagt	gccgttttaa	540
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<210> 6187
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6187
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gacagagggc aggacaactt ttcaacaggg aggtcccact ttaccctaa tcttggaat 180
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aaagaaatga atgactagat aaatgactgg aaataatagg atgaaaaaca tcctgtcctt 480
caggagtcc atttctagcc nggagactga gaaggcattg acagtgaan tgcaagtgcn 540
gtgaangaac tntangctca ngggcccagg 570

<210> 6188
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6188
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tgaatgctga tgctgtgaac tttggatgtt aaactggtaa aagctggagg cttcaaatgg 180
catatgcaaa tgtaacaaaa gcctgaggac tatgaagaaa gaggagtctt taccactcgg 240
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tgctttaaaa aactgagtat acatatagcc tataaggtaa aaatccaagt tacaagtgt 360
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cattaaactg tgattacatg atacttccca ccacagctta ttagactgtc aacagaagat 480
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agctaatacag tatcattcta tacctaaatn 570

<210> 6189
<211> 342
<212> DNA
<213> Homo sapiens

<400> 6189
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ttctctctcc tattttgtct ctactattc gtgttttgtg tttgtttcta ggtttggctc 120
aattggtaag ggtgggattg aatttgctga gccccctagt gtaacagtct tctgcctttg 180
tggtgtaaaga gtggagaggg gggaggggga cgacagacag acatcccttc tccccacccc 240
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008220" 69452960

<210> 6190
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6190
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ctaattctac tagaattact gtgaatactt acagtacact gaattttatt ctttcacatc 180
cattttagtt ttaaagagag gttcacgagt taaatgacaa tggcatggct atcttgaatg 240
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atgcaattga gtattttctt tgtaacgtgc aagaaaaaat atgtatacat ttcataagta 480
tctttagaag tattttgnct taataggtac ttacagatta tncaaggcan aactgnttta 540
atgcagnn ctacaaaggn cttaaaatg 569

<210> 6191
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6191
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accaacaaaa aaactaagtt ttcagtgtgt gaacataaac ttcaaattaa acctctgatg 360
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atgatttcta taagacagaa atagagcaga taaactatac tgnatatgtc gaggacagaa 480
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actagtaatt gaaatcncca agtnccngct 570

<210> 6192
<211> 568
<212> DNA
<213> Homo sapiens

<400> 6192
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agctacataa gggttgtctg tgatgtgctg catccctcaa aatactcaaa gagatttgag 420
agaacaagat gtcttgcttc tgctgtggtc ccaaggagct acaaggcagg gaagattgcc 480

ccattgagcc ctcagttgga tctcttataa gcgccccagt tgaggaaaca cttattttccg 540
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<210> 6193
<211> 573
<212> DNA
<213> Homo sapiens

<400> 6193
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caaagttaca ttattgccag acgcagtggc tcatgcctgt aatcccctgc actttgggag 180
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ccttaagcct ttggcaggct atgttaccct ctatntttgg agaaggacct tgaaaagtga 540
ngcgnngncc ttcaccttat acctgcnttt ttt 573

<210> 6194
<211> 502
<212> DNA
<213> Homo sapiens

<400> 6194
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agcaaaacaa tttttttact ggctgaaaca aaaagtggaa caaagtctcc aacaatagag 240
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ggttttcttt gncctctgtt ctagttcatg ctggtgttta ataagacgtt ctatttctgt 360
tccaagtgtt tgnagatttt ccttcaaaat aatatttttt agtaacgtat cctccaaaac 420
agcctgtaat tttcggttga tttccaaaaga gagctccaat gttaatccat tggcagctgg 480
atgggatgta tataannnnn nn 502

<210> 6195
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6195
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acagacaaat tgggtaaaat caaaatctga cattacagga attactcaag tttcaatgcg 180
tactgtagc taagccagtg aactcctttg ttctgtctgag aaagagcaag aagaatgaat 240
cttcacagga ctactagaaa cttcttccca gcaaggtatg aggaagccct aagtcaatgg 300
tgtaatccta aatcagggtt tgaaaaccca cctaacaggc agagtgaat taacaggcaa 360

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aacncnaaag	agaacttggn	cacttcttct	tggctctcct	cttatccttg	gctttacctt	540
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<210> 6196

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6196

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ctagtataaa	gaagaaaagg	aaaaatcacc	caataatttc	aatgcatatg	tcttgctttt	420
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ttatttggtga	ataccattat	tcnccaact	acagcttaaa	agaaccocct	tgtantgngg	540
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<210> 6197

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6197

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<210> 6198

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6198

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cccatggcac	ccccgcatg	gtgctgggtg	ggggaaggca	cttggcaagt	gtgtgcagat	420
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<210> 6199
 <211> 542
 <212> DNA
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<400> 6199						
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<210> 6200
 <211> 567
 <212> DNA
 <213> Homo sapiens

<400> 6200						
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<210> 6201
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 <212> DNA
 <213> Homo sapiens

<400> 6201

008240" 69462960

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<210> 6202

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6202

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<210> 6203

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6203

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<210> 6204

<211> 587

<212> DNA

002220" 69462960

<213> Homo sapiens

<400> 6204

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<210> 6205

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6205

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<210> 6206

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6206

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ctactggtgt	gcgccaccac	gccctgctaa	ttttgtatt	tttagtagag	acggggtttt	180
gccatgctgg	ccaggctgg	ctcaaaactcc	tgacctcagg	tgatccactc	acctcagcct	240
cccaaagtgc	tgggattaca	ggcatgagcc	accatgcctg	gccatacaca	tcactttgaa	300
acctgttttc	ctttccaatc	taaaaatgag	ttcggttcta	tttctgagt	cttctctga	360
agggtggaga	cacagggccc	tgatgggaaa	ggtccaggcc	tgagaacctc	ccggcacacg	420
tnccggccac	taaggggaga	acacttacca	cccagtcagg	ccaggacccc	cttaacttca	480
caccagttcc	ccaaaaagcg	tgtccagaac	atgaggacna	aattcatnac	cnggaaccgg	540
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<210> 6207
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6207
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tgtgcaagtc agtgggtagc ttgtggattc tcactctgga acgatcccat gtctctgaac 180
cttcaccaca aggagatttt cttatagtga ttctcaaagt ctgggcaggc attcaaaactg 240
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tccagggatt ttacgctgag gatcattaga gggattcgaa ttgtgtgaat ggtcacctcc 360
agcttcacag gtgttttctg gtatctttaa aagccttggg gcagtgcggc ttctggctga 420
cttggtcgga acagcgatga gtgaggagca ggaatggcag actgcaactc tgcaccactt 480
atgactgcat ctttctcaaa gagctgnatt gcttctttt gggtgtgtgt ttttttgaga 540
cagaaattca ctcttggtgn ccagcttgga ntgcaatggc n 581

<210> 6208
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6208
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caaattgggt taaattaatc agcacaagct atcatatgta tgtctgccct gcagtatata 180
tgaattttta tcctggttat gaagaaaaaa atgggtgcttt attatttggc actataggat 240
gctcttgaac attcagaaga tacctttttc cactttttat ttttgtatac ttttttagatg 300
agtgaatgat taaatatatc ctaaagatgc tatttggcag atttttttca aataatagta 360
gctcaaaagt acgtgtatga tacttgtagt tcataattgg ctttactaaa atataaaata 420
cacaagtgat cttactatga tttgaaaaaa aggtagtga ctncagaagt ttttaagctgt 480
gagtaggaat ttttaaatcc attttatggt aagttggtat agaagtgagc cagaatggat 540
cgggtgcatt tcttcnann ggtagccctt atccttttcc gggnaac 587

<210> 6209
<211> 582
<212> DNA
<213> Homo sapiens

<400> 6209
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caacctccac ctcccgggtt caagcaattc tcctgcttca gcctcccag tatctgggat 120
tacaaatgcc cgccactgag cccagctact ttttgtattt ttagtagaga cagggtttca 180
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aagtgtctgg attagaagtg tgagccactg cgcccgccg agaaagagtc ttttttctaa 300
atccttctct cttttcaaaa ttctcaata gaactcatca ccaatatatt tcttcatggt 360
ggtatactgt gtagctacaa ctgtgaaata actaaaattc agtatcagag tcttggattt 420
acaatactgn attttttcac agatctcttc atccgcttaa ttttcttccc taagatttgg 480

09629469.072800

tgacttgctt taaaatatac cggaaatatac tacaancntt tnctaacagt aaaccagccc 540
caaaagcttt ttacaaggcc naactggatt ttccttccaa cc 582

<210> 6210

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6210

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agccttgac tcanaaagac cccgggggtc ttgtagtcc acgtgcttca tgtttcgngg 180
tatctgtcan agccttaaaa caggcccacc cactactgng aaatttcaag gaaataactg 240
attcagttaa ataacagtcc caaggtagac ctggtctcac aggtgaccac ccgnttaaat 300
ccagagcctt cttttctgtc caaagccact gaaatttgat ctctctcttc acacattccc 360
aggtcccaa tatgccacc accttctgac aggtggctac aggtctacac taatggaagc 420
tctgctaaaa acatntccac ccaacccttc tgccaacgag gtcaagctgg caaggcatnt 480
gntaagcccc ttaaactggt canccgcaag gtattgcnc canticcggg acccaaacia 540
tacttcnng actttggacc ttcttcttn a 571

<210> 6211

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6211

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aacttgtgtc acagagggtt gttatacaga tattttgtca cccagggtact aagcctggta 120
cccaatagtt atttgttctg atcctagttt ctaggatcct gatttctagt tttgtgaaga 180
atgtcgttgg tagtttggta ggaataacat tgaatctgta aattgctttg gcagtatggc 240
cattgtaatg atactgattc ttcccttcca tgagcatgga atagttttcc atttgtttgt 300
gtcacctctg atttctttga acagtgtttt gcaattctca ttgtaaagat ctttcacctc 360
cctggtttagc tgtattgcta ggtattttat tcttttgtgg caattgtgaa tgggattgtg 420
ttcctggttt gactctcagc ttgactgtgt tggtagatag gaatgctaga agatttttta 480
atgtgatttg gattctgaac ttcccttaaag tttttttatc acccaaggag cttttgggac 540
gtctatgggg ttctagaant aaatctgccg ntgcaacagg n 581

<210> 6212

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6212

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tctgggctcc aggttaaaaa ttccatgttt aagggaagaa ctagtcactt tataaagggt 180
aagggtgtaa aagtatatta agtttccctt gcacatgatg catcatgcag gaatttaaca 240
acaacaacia aaaaaaaaac ctgaagcttt taaagaattt ctcatcttc tgtcattttg 300

008220" 69462960

atttcaattt	gcttgctatg	tgaagtagtg	gcttctttta	tgtgttgat	aatttcttct	360
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catgttttaa	taaaatatta	ggtaagcaaa	aggtgaagct	tacaaggaag	gtgttaggaat	480
tacaaagtga	ggcaaaagat	catgttttagc	cattctatgc	caaaatttag	aanataaggc	540
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<210> 6213
 <211> 575
 <212> DNA
 <213> Homo sapiens

<400> 6213	
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cagccttgac	ctgacctcct gggctgaagt gatcctccca cctcagcctc ctgtacttta 120
attactaaaa	attcttttagt gcggtccac catttgcagt tttgaattat gtgtctgaat 180
gccacaatga	cccactggca ttccaatag gtcagttaga ctgggtgagat ctgccagaac 240
tccacacagg	gacagccgga gaaatcagag atgttcagga gcaaagtagg cgcacagggc 300
tattttgggtg	aagtttcaat ctaccacgtg gaaggaatat tagacacatt cgctacggct 360
ccaagagcat	gagtaagaca aacacagaca ggccgcaggc aggcagatgt gtgagtgggc 420
ccgcagaaga	atgtccagca ccagtgccat gccacaatgg ggtgcacngg ttaaagacac 480
agggacgctn	tgatggctta atggcaancc tccaaccagc agcttcaagc anttntacgt 540
ggaccaaaca	nttcatgang gggcctgctn ccaaa 575

<210> 6214
 <211> 567
 <212> DNA
 <213> Homo sapiens

<400> 6214	
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tactgaaata	tccaccaagg tacccttga ggaggctggg tagaagggga aatggcaaaag 120
cagcacagag	atgcaggagg ggcaatgggc tgggccgtgt atgtcataca attattttgg 180
aggacaatga	tgggttaggat tgtgctttac ccaccatgtt ttttagtaac ataacttaga 240
atactacttg	aataagcagt acagacaaca ggagtagcat caaatatgtt agctagggtg 300
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gcaccagaaa	catcgtccca aagattcatc ttgaagtcag aaaggagaag agctaagacc 420
tgcactctct	ggagtagcag tgtgcagctt tcaaagtttg gaagatttta agtcaactaa 480
atgggatggt	attatctaaa accatttaat ctttacaatg gggttcanaa actggatgaa 540
nggtttcana	acnntcctgn ctntttg 567

<210> 6215
 <211> 509
 <212> DNA
 <213> Homo sapiens

<400> 6215	
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cactgcagcc	tcgatctcaa gcgatcctcc tgctcagcc tcccgaggag ctgggaccac 120

003270-6946960

catggttttc	ctctttttacc	caggggaattg	atatttttagc	taaccaattc	ccaccatatac	120
ccctggagct	agggatgttc	ttccaaagga	aatgaatca	cagctgcaat	ctcacaaaat	180
gccttgatcc	cacacagctg	cctctctctc	cctcctgggg	accaagaagg	aaacaagggc	240
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ctcttcctcc	tctccatctt	taaccctctg	attcaggaga	cttgtttaac	caggtcacat	360
tgagcattac	tcttgcttca	tctgaagatc	accatactc	cactcctacc	caatgtcaat	420
ttaggcaatc	cagtggatcat	actctgtgca	cagcctcctt	cccatatcat	gttttggaat	480
cacccttttg	gngcattcga	actctgaatg	aggagcacct	tacacccttg	ntgntggaaa	540
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<210> 6219

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6219

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actgggccct	cagacaccaa	acctgctagt	gccttgatca	taaacttttc	agcatccaga	120
actgtgagaa	ataaattcct	ataatttata	aattaccag	tctcaggtat	tttgttacag	180
caccacaaac	agacttagac	actgtatgat	tccattactg	gaactctaga	aaagcaattc	240
taatctttct	aaaaagatag	gaaagagtca	ttgtttggag	ccagcaaagg	ggaaaggatt	300
gattgggatg	ggacacatag	gaaattgccg	gtgtgataga	aatgttttgt	ctctatctat	360
gaacaggcat	tcacagctca	gtgacttccc	tttattctgt	tgggaaagag	ctgcttgaaa	420
ggaggaggga	ttctctgctc	ctagatgctt	atgtcttatg	taggcagggt	gtaaaacatg	480
ggangcctgc	tccagcccag	catttcctgt	gacagatcag	ccgaatatgc	ctaattctggc	540
aattaccagg	tcaagtttgt	ggtatcctta	ctaattctct	t		581

<210> 6220

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6220

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tctgcctatc	tcagcctccc	aaattgctgg	gattacaggc	atgagccacc	gngtccagcc	120
ttatgcacct	ttttgnaaat	tcatttagca	cttctttcct	gacttttaaat	gtatgngana	180
ctttaacttc	tcatttgaat	cagttgnaac	atcttactgg	ttccctcatt	aatcaatcag	240
ttaaatggaa	ttttgggcat	acattcattc	atatttgnat	aagtcataat	ttattttaa	300
tattcttttag	ttctacacat	aggcatgnga	acacacactc	acagatagac	actacgccag	360
tcaaatttaa	tatttatatta	tgcttggaat	ttaagtactt	ctcttcacat	acttctcttt	420
atTTTTTaaa	atTTTgntcaa	gaaggcattg	gattatttca	anaattggaa	ccaaagtTTT	480
aaaaaacttt	gaaaaaaatc	aagtaanggc	tttgnaaagc	ttttacacgt	atnttaacct	540
tnaaaccaac	naggggattt	aaaatccggg	gag			573

<210> 6221

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6221

ccagattatc	aatgtgagga	agctttaaga	aaataaaaatc	aacctactca	tttattttaa	60
acagaaataa	catcatgcat	ttatttgaag	gctctgtaag	catacatgga	gtgaatcatt	120
taccttcagg	gctttttcat	aaaacttaac	attaaattaa	ctaagtagat	gtatctcagg	180
gagttacaat	aagggacatg	gttttaaaaca	acttaaaaaat	gttttaaaaag	aaaacaaaag	240
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gcaaaaatta	cggactgcag	tataacaagg	gttttaaaaaat	gttaatagct	tagatttaac	360
atgctactaa	tgctcactct	acatctactg	aggtagatgg	tcctcttagg	atgccacat	420
aggtagttaa	acaaagcaca	aaccttctgc	atatgggtac	gactatcaaa	gctctgcaac	480
gaatacagng	tttgtcaatg	ctggcccaac	tggtgagtct	ggatatggac	ttaacaagca	540
gaccnaaatg	aactgcaang	cnatcactaa	aaatta			576

<210> 6222

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6222

ccgtcatctt	tgcccttttaa	tataagattt	ggtttcatca	tttctgagtg	taacatattt	60
cttctaaaaa	tagagctctc	tgcttgtctg	aaacttcgcg	ttcactggga	ggtgaagggg	120
aataaggctg	accgtaattc	tgggggtgacg	ttgccagttt	catagtcata	gataaacttc	180
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aagcatgaca	aagcgtttca	aggcccccac	tgtgcctggg	gtggactcaa	accgttcaac	300
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attgcatatt	tcagggaactc	tggcatacag	gacaaggctt	cgttccactt	ntttancnag	540
cncataggac	tgaccatgaa	aaaccnctgg	taacctttaa	t		581

<210> 6223

<211> 504

<212> DNA

<213> Homo sapiens

<400> 6223

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tacgttcac	aggccttaag	ccctcaaaga	acaacagcat	caggggctct	gtgagagccg	120
ccacctgagc	ctcacgctt	agttcataaa	acagccctgt	gtcctttcta	caaagccagg	180
tcgtgttttc	taccacagct	tcaggactcc	agcgtagaca	gcaaacacaa	aatttgtttc	240
ctttttgaaa	caaaacagtc	ttagtagaag	caaaacaaac	aaccacaatc	taaaccagcc	300
gcgaggaacc	cttttctagc	tggaaaggag	aatgtgtcgc	cagcgattcg	gagtgaagag	360
gatgggaaga	tgctgttgcc	acacccttga	atgtgtgtcca	cagattcacc	agctccaagg	420
cagcatctct	ttccaaagca	cctgcagcag	gangctgtgt	gggggcaaca	aanntcactc	480
ntgataccan	agaatncccc	cggg				504

<210> 6224

<211> 579

<212> DNA
<213> Homo sapiens

<400> 6224

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cgcccgctc	agcctcccaa	agtgtggga	ttacaggcgt	gagccaccgt	gcccacccag	120
gatctacatt	ttaacaagat	ctcgatgatt	tgtgcatgca	ttaaagggtg	agaaagcact	180
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gaatgcagac	ccctccccta	gaccacaaat	ttctgtttgg	ttttccttcc	tgatgaacag	300
tttctatcct	atgtatggag	atgggagtgt	ggtctggagt	ggggtcaatg	tccccgccat	360
gtggctgcct	cactttttta	tgggctccaa	atgacacaga	gctgggtcac	ctgggtctca	420
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aactttaagg	ctgacncaaa	aagactcctt	ccagcatgca	agtgggatgg	tctttttgta	540
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<210> 6225
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6225

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attacagaac	tctaagtcac	tgatgcacac	acaaaagcta	aacccaactt	actaactatg	120
cagacctctc	ctgatctccc	caggctgggc	agtaattagt	accttacagg	tgtgatccat	180
ggcccagaga	aggcagccac	tgtcagttac	agttggactg	ctgcatcaca	gtggaggcag	240
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ntgctgtttc	accagcccaa	antttntaac	agcaccacca	aaa		583

<210> 6226
<211> 571
<212> DNA
<213> Homo sapiens

<400> 6226

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cctcccacct	tggcctagat	ttgtattttt	aattgacaaa	taataattgc	atgtagtatt	120
gggtttataat	gtgatgtttt	gatatagcta	catatactat	aaaatgatta	tattaagctg	180
attaatatgt	ccatcacctc	acatacttat	tttttataat	gaagacattt	aaaaacgtat	240
tcttttagca	atcttgacat	ttataatacc	ttattatgag	ggctaaaaat	gaataatatt	300
aataatcctg	tacaatgggt	ctcagaaaact	tagccctctt	gtctaactga	aacgtctgta	360
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ttttgtcttc	atttgagatt	ttatccatta	caagagagga	agatgaacna	agccagaata	480
gaggaagatg	aacaaccctc	aggatctgaa	ggacactggg	gggttttttt	aattaatttg	540
aggtatattg	ctaaaacggg	ctacttgtgc	c			571

<210> 6227
<211> 579
<212> DNA
<213> Homo sapiens

<400> 6227
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ttttganaca gtctgtctct ctatcaccca ggctggagtg cagtggcatg atcttcgctc 180
actccaacct ccacctcctg ggtaagcga ttctcctgcc tcagcctccc aagtagctgg 240
gattacagat atgcaccacc gcatctggct catttttata tttttaatag agacagggtt 300
tctccatgct ggccaggctt gtctggattc ctgacctcag gtgatccacc caccttggcc 360
tcccaaagtg ctgggattac aggtgtgagc caccatgcct ggccctttct tacatttctt 420
atcacggcat ggatacaggc agagtaacac aaactatcct gtaggcagtt ttaaaataag 480
tccatatttg agcncattna aangtattga acagatggga gattattcag aatgagattt 540
tgcttnaaag cctttcncct aatttcggnc tggactgnc 579

<210> 6228
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6228
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ttcaatctgg tgtcaggaaa ttctttatct ataactgcca ttccccagt aactgctttt 480
caacaaactc aaacccttga aaaggtctaa gatggttctg ttaacatcaa aaaaaaacag 540
ccttanagct ttccgacact gttagtgat gaagnctcan gntnttt 587

<210> 6229
<211> 559
<212> DNA
<213> Homo sapiens

<400> 6229
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tctctcttga ataaaccctc ttacttcccc ttttgcattc ctctctctaa atcctacatt 180
tgtctccaca gataacatct caccaattta gagacattt tctttctgct agatcaagat 240
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<210> 6231
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<210> 6232
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aagtaggtat  tattatcaat ctcat ttaca gctganaaac tgaagcaa at cacttcaact  180
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ctgaggccct	ntagtgcagg	cacaaagaca	ccatagctct	tactggatct	ccagcctatc	300
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ctattcgaca	ctgattatag	gaaaaaagaa	attagtactt	taaggaaagc	aaactntggn	480
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<210> 6233

<211> 597

<212> DNA

<213> Homo sapiens

<400> 6233

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tcttccagat	tagctgttat	ctgttctgat	tccacactgg	cttctttcag	cgtattctct	420
gntgcctctt	tacatttctt	cagggtgtctg	acagtttctt	ccaatttctg	gcaccgattc	480
tctacttctg	ncttattttc	cgtctgcttc	taaggtgcca	gctcttgctg	gttattccga	540
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<210> 6234

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6234

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acagttgtgc	aagtaccatg	cctgggtaat	ttttgnattc	ttgagtagag	ataggatttt	480
gccatgttgc	ccacctggct	tgaactctga	cttangcaac	canccacnta	gcttccaaag	540
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<210> 6235

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6235

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009220" 69462960

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gtcaaaacaa	aagtttttat	gttggtcatt	tatatgtgna	ttcactcaga	tttccctcaa	480
tcaaattaaa	agagaaggcc	taatttcaag	ccactgnacc	ataatgggtg	ctggcctcga	540
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<210> 6236

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6236

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<210> 6237

<211> 165

<212> DNA

<213> Homo sapiens

<400> 6237

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<210> 6238

<211> 597

<212> DNA

<213> Homo sapiens

<400> 6238

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aaaaacatag	atgcaaatga	aattccccca	gagaacaaaac	tgaaaatatc	tggtatcagt	180
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<210> 6239

<211> 599

<212> DNA

<213> Homo sapiens

<400> 6239

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aatgggttaa	aaaatntaaa	cttattggac	ctaactctatc	agaattgggt	tggttgggtta	540
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<210> 6240

<211> 609

<212> DNA

<213> Homo sapiens

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<210> 6241

<211> 573

<212> DNA

<213> Homo sapiens

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<210> 6242

<211> 442

<212> DNA

<213> Homo sapiens

<400> 6242

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<211> 589

<212> DNA

<213> Homo sapiens

<400> 6243

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aaggattttc	aggtacttca	agttttggct	ttatttttaa	taatgggaat	gggctacaat	540
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<211> 596

<212> DNA

<213> Homo sapiens

<400> 6244

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<210> 6248
<211> 548
<212> DNA
<213> Homo sapiens

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accagctgag ccaaaattta aaaaaacccc ggttttgnaa tgggtggcntc tcttaatttt 480
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<210> 6249
<211> 545
<212> DNA
<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 6250

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<210> 6251

<211> 493

<212> DNA

<213> Homo sapiens

<400> 6251

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<211> 535

<212> DNA

<213> Homo sapiens

<400> 6252

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<211> 503
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<211> 547
<212> DNA
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<212> DNA
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<212> DNA
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aaacaaaaac aaaaacaaaa acaaaccaga attggctttg ttattttctt aaccctagac 180
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acactggcca catccacatg aagaatgtaa gcacatcaat cagtacagat gccagctgag 360
ccctgtttct ctttttttaa ccaaataata aatttgaagt cctnccacaa ccatntgaat 420
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<210> 6257
<211> 429
<212> DNA
<213> Homo sapiens

<400> 6257
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tttcaaaaca ttgtcctgaa catataccaa ggtagatcgc attctgggcc ataaaacata 180
ccttaataag tttaaaataa tagaaatcat acaatgtatg ccctcaggcc gcagtggaaat 240
taaactagaa accgatgaca gaaaaagagc tgaaaaatcc caaaatattt ggatagtcaa 300
caatacattt ctaaataata catagggtcaa agaacaaata tcgagagaaa taaaaaagaa 360
tattttaagc taaataaaac tgaaaatact acctatcaaa atctgggana tgccncnaaa 420
ggtagnnnn 429

<210> 6258
<211> 537
<212> DNA
<213> Homo sapiens

<400> 6258
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agatgatgct gtttaaaaaa gaaaggcaat tccttctacc tccatctctg gagtcagctg 180
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<210> 6259

09629459.072800

<211> 532
<212> DNA
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<400> 6259

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atccgcccgc	ctcggcctcc	caaagtgcctg	ggattacagg	cgtgagccac	cgcgcccggg	300
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tcagaatcgt	tccaaacata	atgggcttgg	agtaatggag	aactccaagg	gcaggaggta	420
accattaaag	aggcctnnt	ggaaaangga	aggagcaaca	ttncactaa	aagccttggg	480
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<210> 6260
<211> 524
<212> DNA
<213> Homo sapiens

<400> 6260

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ggcaccgagg	cctcctctga	gcctctttgc	gctctttggc	tgctgtcttt	ctttcccaaa	360
cagtgcagac	atggaggaga	cagaagggtg	aaatggtttc	tgagcccctc	aaccgccttt	420
ggggacacca	acctngnggt	ntttaaaacc	aagccttcct	tgaanccgga	aaaggaggag	480
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<210> 6261
<211> 545
<212> DNA
<213> Homo sapiens

<400> 6261

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ggcacatagg	aaatggttaa	gctgaccctt	tcctggcctc	cttcccatct	aaaaagaaaa	300
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acaaaaataa	aaggagacca	ggaaaaaat	naaaacataa	aagaaattcc	cattctgggg	420
aaaccggaag	caaggtnaaa	ggggaaccgc	cagaatttan	anccagtanc	aanatttggt	480
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gaagg						545

000220-59452950

<210> 6262
<211> 510
<212> DNA
<213> Homo sapiens

<400> 6262
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cacataactg gaacttgtaa atgggcaact gccttcttat atgtggaatt atagtttttt 240
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ctaggctttg ggttattcta taaggaaaag cctttgtcag agtttggtctg tctccttcct 360
ttcccattcc caaaaagat gtgtgactaa gtggacaaag aactcagcac tgggcctgnt 420
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<210> 6263
<211> 515
<212> DNA
<213> Homo sapiens

<400> 6263
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tttggttttt taaaggcagg gttttgctct gtgtcccagg ctggagtgca gtggtgtgat 360
cacagatcac tgcagccttg acctctcctg gtctcaagcg atcctnccac cttagccttn 420
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<210> 6264
<211> 460
<212> DNA
<213> Homo sapiens

<400> 6264
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ttcacagtgt tcaccaggat ggtctcgatc tcctgacccc gtgatctgcc tgccttggcc 240
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<210> 6265

00022/0' 69462960

<211> 546
<212> DNA
<213> Homo sapiens

<400> 6265
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aggcaagagg atcacttgag ctacacgggag ttcaaccagc ctgggcaaca aagtgagata 180
cccacctcca caaaaaattt aaaaaactag ccaggcacag tgatgtgtgc ctgcggtccc 240
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acatgccctt gncagccaca gacttcacaa gggccaggga attgntttgn ttttccaan 480
tttgggcttg gttnangaat tggaacntcc agacttttgt tgcataatgg agcaaatcaa 540
tcttcc 546

<210> 6266
<211> 368
<212> DNA
<213> Homo sapiens

<400> 6266
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ggncttcttc ttctttantn ntcttcctct ntctttctt cctctntct tctcttttct 120
tttttcttt ntctttcttc tctttctota ttggttcttt tttcttcttt cttccttctt 180
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tcctaggg 368

<210> 6267
<211> 455
<212> DNA
<213> Homo sapiens

<400> 6267
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gaactccaaa gcaagagaaa atgttagtgc cataaaaatc tatgaataca tcaaagaaac 180
agaaaataga gccaaaatag attaaattta aatagtcatt tgattttatt ttttttacat 240
aagtgccaat gcaatctctt gagaaacaga aagtctatcc cacaaatggg gctggaacac 300
attgatatcc acttgaaaaa aaaaaaaaaa gaactttgac acctatctta caccatatac 360
acaattaatt tagaaagaat cgtagtccta aaaataaaaa tggaaccat naagcatntn 420
aaagcnaacn ggngaattag aggggaacnt ttttt 455

<210> 6268
<211> 567
<212> DNA

008220.69462960

<213> Homo sapiens

<400> 6268

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ctgaaacatg	taaaaagcaa	atatttttgc	tagattttat	tttcaaagtt	tcaaaccctt	300
ccaatttttt	ttttattttt	taccccaaaa	aaggtatcaa	tacttttcat	tccactcttg	360
tcaacttttag	ccaaagcctt	ctgagctgca	gtcattttgc	tatttttctt	ttcagtcttc	420
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ttattttctt	tgatggagga	tttggcaatg	angcttaang	gtctggaagc	ttaagtttta	540
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<210> 6269

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6269

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cagaatactt	caaaacgtat	gccacagttt	ttctttcaag	gatgtgggaa	gcattcctca	180
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cctacctcaa	caacataaaa	atgatgtaaa	gtggatcaaa	gtatgtaaca	agttaaatatt	360
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gtgtttttgc	ttgaagattt	agtgaacgtt	caaggaatca	caatttttga	gctttacatc	480
cagagtctat	actatgtgaa	aatactacag	ngcctcattt	aaaaagcncc	gtgattaaat	540
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<210> 6270

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6270

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caagcttatg	acccgcactt	actgggaatt	cctcgttcat	ggggaataat	tgcaatcccc	480
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ccagtagtca	atttagaggg	gatacttcng	aagctttttt	tggtggtggt	aattgggnac	540
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<210> 6274
<211> 566
<212> DNA
<213> Homo sapiens

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aatattttat attagcacat agaataccct tagaatatat tctggtatgg tctaaagaag 480
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<210> 6275
<211> 556
<212> DNA
<213> Homo sapiens

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aaggcaacgg cttttc 556

<210> 6276
<211> 554
<212> DNA
<213> Homo sapiens

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gaaaactaga aattgacagc cccaattttt ttttaagggc agatggtact ttacatcttg 420

002270 69462960

gtcttaggca	taaaactatc	tgnaacaaat	gtctagggat	cgagtcatta	taaaagtcac	480
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<210> 6277

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6277

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<210> 6278

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6278

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atgatatact	cgcacctaatt	aatctgggtct	ccactaagga	cttattgtaa	ttaaaaagtt	180
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<210> 6279

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6279

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gctaattttt	ttatttttat	tttttttagag	gcattggtctc	gttatgttgc	ccaagctggg	180
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<210> 6280

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6280

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gatttgaaca	tgggtgattt	catttgtggt	agaggacatt	caaataaaga	tgtctaggat	420
gcaactagaa	atatgaagtt	aaacctgtta	agaagatctg	ggctggagat	aactgatacc	480
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<210> 6281

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6281

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taatgatgaa	gcatgaaccc	aggctgagaa	gtgtacaatt	tgattttaac	tactgccaaa	180
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tgagattcta	aaaaggga	actaatttca	caaacaacct	ttaaaagaat	ccatagatga	300
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tgattaaact	aatagaacgc	atatttacta	acaaaagatg	gttaacatta	tcataaaacc	420
atttatcttt	ttaaacttct	ctaattcctg	ctaattttgc	cagcttaaat	taagaaatga	480
atggcctntt	ggcctaata	actatngggt	attaaaaact	aagacatctg	gaacttttag	540
gcncatcaan	gnaccgggtt	atg				563

<210> 6282

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6282

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002240.69462960

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aagcgattct	cctgcctcag	cctcccgagt	agctgggact	acggcatgtg	ccactacgcc	300
cagctaattt	ttgtactttc	aatagagatg	gggtttcacc	atgttgggtg	gogagaatgg	360
tctcaatctc	ttcacctcac	gatccgccgc	ctcggcctcc	caaagtgtg	ggattacagg	420
catgagccac	cgtgcccggc	tgctaatttt	tgaatatata	tatttttagag	acttttcttg	480
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<210> 6283

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6283

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acaggcgtgc	accaccaagc	ccagttaatt	tttgtatttt	tagtagacat	ggggtttcac	180
tgtgttggcc	aggatggtct	tgatctcctg	acttcattgat	ccaccacact	cggcctccca	240
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taacagagaa	gagaaagtaa	agtcaagtca	agagtctaag	gtatttccat	attatcatca	420
aagttgccc	ggagaagggt	gggggtcaaa	agcttaagat	tncaggttgg	atgacctggn	480
tttggnatcc	aagcacagtt	cctcagtaact	tacctgacct	taggtnggta	cctaaacctt	540
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<210> 6284

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6284

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cttatagaca	ctcccctaag	gggcctgagc	cccatcacgg	catatacatt	atcacccaaa	180
gatggcatgt	tgaacataat	aggaaagcac	cttgtgcaaa	aaggaaaaaa	aaaaagtagc	240
taaggtgcca	acatacacca	ggatagataa	agacagtng	tctttcaatt	ttgtcttttc	300
ccttaattat	gaggcanagg	aggggaagac	tttgaaaagt	nccactgaaa	gattattcaa	360
tgttgagctt	tatctcacgt	caatactgca	caacaaaatc	caagaagttt	gtgtatgcaa	420
caaagctaag	aacaatgatt	cattcctgna	aatttgaaga	agaatttttt	tatttttccc	480
atttctttta	tccttacaaa	ctttttaata	ttattatcaa	gaggagagtg	tganaaaatg	540
tatggcaccc	ttaagggcnt	tnaaaacntt	ncctggacng			580

<210> 6285

<211> 576

<212> DNA

<213> Homo sapiens

000220 69462960

<400> 6285

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taaaaactaa	aacacaacaa	caaaaaacaa	cctattggat	ttgaatagac	atttcttcaa	180
agatatacaa	acttaaatgt	tcattgatgg	ataaagaaaa	tatgtataca	tacaatgaga	240
tgttactcaa	ccttaaaaag	gaataaaaatt	ttgatacatg	ctataacatg	gatgaacctt	300
gcgattatta	tgctaactaa	gccagacaca	aaggacaaat	atcctatgat	tccatttctg	360
tgagggtacct	ggaacagtca	aattcataga	gatagaaagt	aaaagtagtg	gttaccagag	420
gttggggagag	agggggagaag	agagagtgat	tgntcaatgg	gtatagaggt	ttaagtttgg	480
ggaagaagaa	agtagttctg	gnaaaaggta	atgatgggtg	cacaatcatg	tgaatggncc	540
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<210> 6286

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6286

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agttgaaatt	cgttaccagg	tgaaaaattct	ggagctgggt	tttgactga	ggatgctaca	180
cagccactag	cctttttaat	ttggtcttat	taacagaaat	actgacttag	tgaaattaca	240
ggcataggcc	tcttaatcgc	tttttatgag	tctgaacttt	tgctttcaat	accaaatagt	300
atctgaaaaa	catgctcact	tttgtgcttc	ttgagaaatt	ctaagaattg	gcccagattc	360
atgtgatagt	cattccttaa	tccatagtca	ccatgagcct	caaggagtaa	ctcttcaaaa	420
gaatgggaaa	aggcgcaggt	cctcaccatt	tccttctgnc	tccacgcttt	cagcatgctt	480
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<210> 6287

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6287

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tagacacctg	gtcacoggaa	accatcatgt	ctgtaaaact	accacacagt	ccagcctcca	180
tcctcaactg	ccgccctctt	cctctctgca	ctggagccgg	ccaggccacc	tcctcccaa	240
ccgtggaaca	ccatggtgac	aggagatggc	cctggccagg	gggaggctgc	tgggactgca	300
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ctatgagacc	tttnggaaag	gcagccctg	ttccncagga	aggcncagcc	ccattnaaca	540
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<210> 6288

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6288

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ccgcctcccg ggttcaattg attctcctgc ctacgcctcc agagtagctg ggactacagg  120
cgcccgccac cagcccggc taatTTTTTg tatttttagt agagacgggg ttccaccctg  180
ttagccaaga tggctctggat ctctgacgt cgtgagccgc ccgcctcggc ctcccaaagt  240
gctgcgatta caggcgtgag ccaccgcgtc cggccaataa atggtttcta attaaaggat  300
tgtgacattt aatagccgtt gcttgctctt gtcttgctcc cttctctctc gaaacttggt  360
aagaaataac tcaatattct ggcttgggta aagtaaatat aatgctattg gatattttgg  420
tccattgaat tgataagact tttcaagtaa aagttgcttt ttanggtagn atcttcatgg  480
ccttgagaaa gttgcttggc tctctttgga ccaanttggc actggcnttn ttaccggaca  540
aatttgngnc tttanaattt a
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<210> 6289

<211> 567

<212> DNA

<213> Homo sapiens

<400> 6289

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tacaggcgcc agccaccatg cccagctaatt tttttgtatt tttagtagag acagggattc  180
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caaagtgtg ggattatagg catgagcctc cgtgcctggc ctcatatccc ttttaaaaat  300
tactatgata tatccctttt aaaaagtact aactgaaaaa agtactatct ctttaaaaag  360
tactggctca aaaaaataat agaaaataag aaacaaaaaa caggctgaga aaagtgggct  420
cacatctgtt ggccatgctg gtttcaaact cctggacctc aagtgaccat gggccttggg  480
ctccgacntg ctnggaatac anggnngaag cccaaaactg ggcccatcct tttaacataa  540
acncttgaag ggnaataaag gcttgac
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<210> 6290

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6290

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agtgtctgag gcattttcac agcaatcctg tattaatgcc catcgactgg ccttcttttg  180
gggcattgcc ttcttgcttt gcttttctat ctagtaatcg gaggacaaag gacagaagct  240
gggcagtgga tgagtagatt gaatgggaaa tcctttaagc tggccaaaga ggtcactgtg  300
gcatgtgtac tgaaaactct catgggtgtc gccctatccc ctctcccctg tcagagaaca  360
gacccatcca ctgcatagaa ggcgagccc tgcttgactt ttttcaaagc tggctggact  420
tacatggatg tcagacctgc agtgagccag atttgctttc ctgggattga agtggaanaac  480
ctgacccaag ggcnnnact gggaaanngg ctttcangga ttntacctt ggggaat   537
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<210> 6291
<211> 558
<212> DNA
<213> Homo sapiens

<400> 6291
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agctggaaat caagtacttt attcctctgc taggattaag taaccattcc cacctgggtcc 180
acttcttgac caattttcta aagtggagtc agtctgtctc tattgctctt tctctaattgt 240
ggactttaaa atcaaagttt aggttaaaaag agatagatta gaaaacatac atttaacaca 300
cacatacaca aacacaaaag tggaaagcaa gagagcttct tcagtcaagt agaccactt 360
ttgggtgttct tttaaaaatc aaccacacct caactaacca aaaattaggg caaatcagac 420
atgtattata aaaacaatgg gaaagaatat tagaaatgag aactattcca ngaaatctag 480
accgatactt taataanaag ccttcaaaan ccataccccg attnccgaac ntttggggaa 540
cagtaaancc tcttaatn 558

<210> 6292
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6292
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tattggcttc ttgggtgcagt aatgcaacgg caatccattc tgggtgcaaa ggotcatact 120
attacaagga agttgtgaac actaatttct taggaggtga ggccagcccc acatgaactt 180
ctcttgcatc cctctggtcc accatgacac ataaatactt agactttttt ttttcctcta 240
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tataaagcat tctccttctc taggttgcta tcacagtga gacctgactg cctgaatatg 360
ctcaggagat ttagtcaata ttgtctgtat ttggttatgg aaaaggctct cctttttttt 420
ttttttttta aatccaaagt gcatagtga aacaaaccaa agcatttttt tttccttctc 480
agcatcagnt tcatctgagc attttccatg anaggcctgt taaatgcctg nctttggcct 540
ttcaaccttc aaaattaaaa attnnatnna 570

<210> 6293
<211> 586
<212> DNA
<213> Homo sapiens

<400> 6293
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ttccacaaca cccagctaatt ttttgtattt ttagtggaga caaggtttca ccatgttggc 180
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gagattacag gcctcagcca ccgtgcctgg ccctatcctt tcctctgaag attccatttt 300
atTTTTctga aaagccagct ccctggtgct cttttccttc tataatgaga cctcaacaat 360
gtaaattgag aagggtgattt tcacaaaatg cattctgcct tggctcttct aaaaatcgag 420
tttttgaaa ctgctgtttc taacaagata acatccaaca gaagctacta atttcctttc 480

0960469.02800

aaaccttagc ttntggaaat gtaagagata ttaccnggaa atgaatgggt cttggccaat 540
ggatgtaaac tccgagaaac tntnngggna agtaaaaggg ggncaa 586

<210> 6294
<211> 586
<212> DNA
<213> Homo sapiens

<400> 6294
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agagtaatgc acagatgatt gccaaagacca tattgacaaa ttgtgattag attataacgc 180
atagtagcct gccttacatt cagcaagttc aaacaggaca caaaaccagt caactgaaca 240
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gcaggcaact tatatacagc aaatcctcac actgcctgga catgtgccac ttttttgggtg 360
gttttaatat atttttcctt tctggntgcc aatttagact gaattcttaa ngatttatct 420
tggatgactt agaaaaatcc cctgnccttt cttactttgg ttcaagnagg accagncatg 480
aaaattgagt naggcctctt aaaaaatgga aggtcncaga tcccatgggg gaaggtttan 540
gaancccttn ccaggtaatg gatcccggga atnttaacag gttaan 586

<210> 6295
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6295
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aaacttatgt ttttccattt ttctgttcc ttgaacatga atctactacc aactcagaaa 120
gatttaagat aggtaattac taaacactct ttacctcccc ttgcaaaaaa cagaggcaag 180
tttcccattt tacttatgat aaaccagatt attttcagtt atgaatattg gcaactgcat 240
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aaaccccaaa gaaaataaga taaaaacaac aagagaaaaa caagaaaaca taaaacaata 360
taagaaaatg ccagatatgt acagcctcca tctgaaatgt gacttgngtt ctactttcag 420
cataaaacaa aaccagagaa catttcttgg aagggtatca cagatgaagc tgggtgccagc 480
cagttttggg ggagacattc attctaagaa gggagaaacg cncagntagc acttgctggg 540
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<210> 6296
<211> 582
<212> DNA
<213> Homo sapiens

<400> 6296
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tcaaattccac ataggacaag aattttcacc actgagaata tgcagaagaa ttaggacaa 240
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gaggattagt	aatgggtataa	aacttcatga	atgnactaaa	acccctggac	tgctacttta	480
atgggcaa	ttatggatgt	acatatcttc	aataaaccta	atTTTTTTT	aagaagggga	540
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<210> 6297

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6297

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tatactgcac	aaaacacagc	aggttctcaa	taaaaataat	agttactaaa	ttttactatt	120
actttttcta	ccagatttta	atactgagta	tgaacatcac	atgtagtttc	ttttcgcttt	180
cagtcactta	aactgtatcc	cagactcttg	tcctatcaaa	aaaactcaat	catctttcat	240
tcttttttta	aaaaaaggac	acttttaatc	tttattggta	actttttctt	attgtagcaa	300
aagtgcataa	tattacattt	accatcttgc	ccattttgta	ttgtacagtt	cagtagtgct	360
acctgtattc	accctgttgt	gcaatggatc	tccaaaactt	ttacatcttg	caaaaactgaa	420
atgctgggat	ccatttaaaca	atttcccttt	tccccatcc	ctcattctct	ggcagccaca	480
atcttattct	ggctctatga	atngctaact	aaagnacctc	atcnggtaga	atgatncatt	540
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<210> 6298

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6298

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gactactggc	acatgccacc	atgctcagct	aattttttaa	ttttttttgt	agagacgggg	180
tctcgttatg	ttgcccgaag	tggtctcaaa	ctcctggcct	caagcgatcc	tcctgcctca	240
gcctcccaaa	gcgttgagat	tagaggcttg	agccaccatg	cccagcctat	tcactctttc	300
tttagaaatg	tgaagtgacc	cctgaaaaac	ctggaggaag	aaggaaaagg	aaggatcctg	360
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cttttntctaa	tttcaaaggc	tgtgggggtt	naagaataaa	ttatcaagcc	tactgncaca	540
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<210> 6299

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6299

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taaaatattc	agaagaaagt	caaagttatc	tgcaattaca	tgttagaaca	gattttgcag	180
gttaaaaaga	tgttgcttaa	atatattcat	aagcctgttg	taagattttc	acttatgcag	240
tttcagaaaa	tttagctgct	taacatatga	cagaactgta	ttttaacaaa	tgacattaaa	300
agtcaggaga	gctactcagt	taattgataa	agtagaggca	acgtggggga	gccctcccca	360
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gctgccgccg	ttgncctttc	ctttcctttc	ccggnnttgn	ggggggcctt	tggaaatggg	540
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<210> 6300

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6300

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gcaatcgaaa	tgttttccta	tctgaacccc	tggtgccagc	acagtataca	gtagacaata	180
tatgccataa	tttattgcct	gaactcccca	ttgatgtgac	catgatatgt	caatggaaag	240
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ctcccagaac	gtggatatag	caaacaacac	tatgtaccat	ccatgaaaaa	acttacaatc	360
cagtaggaga	aaaagacaag	taaacaagca	gttattgtag	agcataataa	gaaataaatg	420
aaaactgcc	tatgggcatt	ttagttggta	cagtcaatgc	caaatagaga	gagcagtanc	480
agtttcctga	aaaagtgatg	gotanggtga	gacctaaatg	ccggtaggaa	ttnaactggg	540
gnaaatgttg	gaagcngcnc	actttangga	c			571

<210> 6301

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6301

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aatgtgaaat	tctatcatgt	accattaacc	taacaagatt	ttctttccta	tttctgactg	360
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gacaaaatgt	caagaagata	ggagaagaga	atattttgnt	ttgntgatgc	ttttggtccc	480
aagtgtgacc	ctaaacttaa	gctttgtagg	aactgaggtc	tctcatgncc	ctttccttta	540
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<210> 6302

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6302

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tcttaatgct	atcacttccc	ttgcctctca	ccccccgaca	ggccctgggtg	tgtgatgttc	180
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tttgntattg	ngaataagtg	ctgcaataaa	catatgtatg	catgngtctt	tatagtagaa	480
tgatttttaa	acctttgggg	aaaggccctt	ggaaaagggg	acttttgggc	cagcaatcca	540
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<210> 6303

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6303

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caacctgcat	tcatttttct	taaaactaca	tttaaattat	ttagtacatc	acagtttatt	180
ataaaataac	cttgagtatt	tgtctacatc	ccttgaggta	ttacaccagt	tttcaactaa	240
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tcaaagggct	ggcaagatgg	ctgaatagga	acagctctgg	tctgcagctc	ccagcaagat	420
caatgcagaa	ggtgggtgat	tctgcatctt	caactgaggg	tcctagctca	tctcattagg	480
actgggtaga	cagtgggtgc	agancacgga	gggccagcag	aancnngggt	tggccgtcgc	540
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<210> 6304

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6304

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taaattagtt	atggggcccta	tttttcangg	acttntggct	tcaganttct	agtaaggttt	540
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<210> 6305

<211> 474

000220"69463960

<212> DNA

<213> Homo sapiens

<400> 6305

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cctaattgcta	tccctcccct	ctccccccac	cccacgacag	gccccagtgt	gtgatgttcc	180
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tccctacaaa	agacatgaac	tcatcctttn	ttttggctgc	atagnattcc	atgggtgtata	360
tgtgccacat	tttcttaatc	cagtogatca	ttgattnggg	ttggttccaa	gtcttngcta	420
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<210> 6306

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6306

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caaaactgtt	gaaagggcaa	tagttgaagc	tgttgggttt	tatatagtgt	gaactctgat	360
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cgagtgactg	acagcttctc	tgnttacaaa	cgaatggaac	ccaagngga	tggcgggtta	540
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<210> 6307

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6307

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tgccatgact	gacagaacag	agaaaccagg	aaaaggtcac	acacggtttg	agaaaccatc	180
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aaactgtcag	aaaccttagg	aattgtcaca	gttaccacaa	ctacacattc	cagcaaagag	300
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caattaaact	ataaaaattca	acactgactg	caaaactggct	tttaaaatgt	gtagacctat	480
caccctacta	tggnttatct	cttttaccac	aaatctgnca	ggttcaacta	ttttgtgtaca	540
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<210> 6308

09629469.072300

<211> 576
<212> DNA
<213> Homo sapiens

<400> 6308

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caggtgcccc	ccacccgccc	ggctaatttt	tttttttatt	tttagtagag	atagggtttc	180
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cccaaagtgc	tgggatttca	ggtgtgagcc	accacacctg	acctcattta	cctatttggt	300
aacaataaga	aaatagctac	ccccaaatta	gtgccgtatt	gacagtaagt	tatgtgcaaa	360
taatattctt	taaaagatta	agatgtgaat	gtgcttacat	acaataggag	aggctcatcca	420
cgattactca	atgtatactt	taagttggaa	aatcacata	ctgatgaaat	aattccatga	480
tatagattat	cattttttaca	ttcatggnaa	aaattaagaa	caggtcaaga	agcttaaagc	540
taatgagctt	accttntcct	taacccaaaa	gaaaaa			576

<210> 6309
<211> 591
<212> DNA
<213> Homo sapiens

<400> 6309

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actgactcaa	aattacaccg	aacaactaaa	acagatttat	tgttctacgg	tgattttactt	360
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taaattaatc	aacttacaat	atggtctcat	actgcaatca	aatccggcaa	ataacagtag	480
aaaatcttgg	ntcacagaat	ctcttttaaac	tgnttttatg	cataaattaa	anccttaagg	540
gnanatggat	taccgtccaa	cagaactact	ggagcttaaa	gggtaatgga	t	591

<210> 6310
<211> 592
<212> DNA
<213> Homo sapiens

<400> 6310

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aacaaagaac	tcagtttgta	gtgaataaaa	ttttacattc	acttccccac	tttctcatag	240
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tcattaggaa	ttttcggtaa	attaaagtct	gaaattagaa	aaacattaga	cattaatcaa	360
cagaccaaca	ccagtcacgt	aaataaatgg	cattcgtata	atttggcagc	tgaaattctt	420
aaataatctg	gcaggtacaa	ggagagaaaag	aggaaaaatg	aaccgttcat	cattctcact	480
gcggtctcac	cgtttncctt	cacaccccat	tacagcgaat	ggaagagaaa	ggaccatcgt	540

006240" 69462960

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ggtcaaatat ttccaatac tggataaatg ggaacaactt cggcctcctc cccitttcaa 420
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<210> 6314

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6314

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aagtgcctggg attacaggcg tgagccaccg taccgggcca agatgtttta attacacatt 300
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ccttctggca aaaatatccc atagttaagt ccaggaacaa atggctgaaa acagaaggca 480
atgaccatgg acaccttttg gatcctaata cctttagtaa agacncagtt aaacagtcca 540
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<210> 6315

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6315

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cattgactat atttatgaat tcatacatga tcattcttca actaagtatg aactaactcc 480
tggtattctt gtctagttag ggcttaagaa attatttctt tctaaatcca agggactgct 540
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<210> 6316

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6316

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aaaacctata tacaagcatg tgtgtagctc gaaataaaaa taaaaggact atttcatgtc 180

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agaacatttc	tctcattttg	aaaaaggcca	ttcctgtgag	caatgaatca	gatcctgcct	360
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tgagattttt	gcagctcttc	atgaggnact	tcacatcata	aatgacagga	aaaaacaatc	480
gaaggatctc	aaagaagcaa	gtcttcttan	gcaagntaaa	attgggtang	aatttgatta	540
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<210> 6317

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6317

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gatatagaca	aggaaatgtg	ttagtaactt	gccaagatc	acaggtgggtg	aaggtagtat	180
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aatatgtgtg	tgtgggcaag	gacagaagat	gagctataca	aatgaacaca	gatgttatag	360
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aatttttaga	agtcataaat	tcacaaaata	ctcttctacc	attactatta	ttattctgnt	480
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<210> 6318

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6318

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cgcacgcagc	cgccggagtt	tccaaactgc	gatcccttct	cacccaaaga	aacaagggga	180
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tccttccttc	tttcgctcaa	gctcgctntn	gcctgccggg	acgccagaag	tcctcttctt	480
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<210> 6319

<211> 512

<212> DNA

<213> Homo sapiens

<400> 6319

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008240"69462960

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ctaangactt	aatagaaagg	ttaattgggc	ngaatccgnn	taaaatangg	ggtaaaccctc	480
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<210> 6320

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6320

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tggaagnggg	tggtctagggt	gccggangca	nangcccaa	aagggttaag	cacaatcctg	480
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<210> 6321

<211> 516

<212> DNA

<213> Homo sapiens

<400> 6321

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<210> 6322

<211> 598

<212> DNA

<213> Homo sapiens

<400> 6322

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<210> 6323

<211> 594

<212> DNA

<213> Homo sapiens

<400> 6323

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<210> 6324

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6324

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aaatgagctt	gagggtttat	ggtttgaggn	tgcaaagaaa	gaagaaaaat	aaggaanatg	480
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<210> 6325

<211> 599

<212> DNA

<213> Homo sapiens

09629469.072800

<211> 593
<212> DNA
<213> Homo sapiens

<400> 6328
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tcaggagatc aaaaccatcc tggctaacac ggtgaaaccc tgtatctact aaaaatacaa 180
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catctgtaga cacatgaggg cgctttaagc aggcagcgtg ggatgcancg tncnaagga 480
aggaaggagg aagaaaagctt tgtcaaaagn agcctgaaat tcagcctntt cctatctggt 540
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<210> 6329
<211> 584
<212> DNA
<213> Homo sapiens

<400> 6329
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acacctggct aatcttttaa tttttggaca cggttttgct gtattgcca agacggtctt 180
gaactcttgg cttcaagtga tccccttgcc ttggcttccc aaagtgtggg attacagggtg 240
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tgaggtgcat gggcccatgc tacacggccc aactcaggag taggacaagg tgtggcagcc 480
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ccaagtgaca nggtgcttnt tttaaaaggc agnccctttt tgcc 584

<210> 6330
<211> 594
<212> DNA
<213> Homo sapiens

<400> 6330
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actctgtttt aacaataact ccattaatat attactttta aagatgcaca gtgctgcttt 180
tacacattaa aatttcagtg acatcaacaa cataactata tgtaaatatt ttgaactaac 240
atttcaaatg tagactgacc acatgtttga tttaaagctt aaagaatcaa tgttcccttt 300
tgtgaagatg gcttttgttg tcattagatt ctactgattt tttaggaata gagctgctcc 360
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atccctttca gcacttgtgt aaacaggcaa agagatgcac tcatccggag aatatggacc 480
acgtgcatcc tgttgaatcc agcccataaa acaagggaca ctgatgacct ctgggagaat 540

09629469.072800

caagcttgat ttcanaaagt ggattncatc aaactacatc ctttagtacc aagc 594

<210> 6331

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6331

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gtttaaagtt	ctgacaagcc	acttttgcca	tcaacatcac	tattattatt	gccattattc	180
ttaaattaga	aatattttta	tcctttttac	tgctattact	ctgatgatat	gccaaaggtc	240
atgctcctca	attctgcctt	attttcacct	tttctctatt	tggtttttca	taatcattat	300
taaaccagct	taacaaagtt	gttctattta	atccaatatc	tactggctga	acaactcaaa	360
atttcagggtg	gcaaagaaac	tggagattaa	ccaattgcca	ttgccaaatt	attgtaacag	420
catggaaacc	tggtgtttcc	agacagtaag	ggctccagag	gttatctgag	aagcccggaa	480
atttaaatat	gcatttcttt	ganacccttg	gtacccacc	ctactttaat	ggtaaaagaa	540
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<210> 6332

<211> 590

<212> DNA

<213> Homo sapiens

<400> 6332

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caaattgtaa	tgtttacaaa	tctcaacttt	taatcatggc	aaagtggaca	ttcacacag	180
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ttacacctaa	aaagatgatt	gtcgtagtag	acagactgga	attgtccacc	aaaataggaa	420
attgataccc	aattttatagt	ctatgatgaa	atttaggctt	gaataagtgg	agttggagtt	480
ttaatataat	gnacttcaaa	ctattaaaaa	aaccgggtct	atggnccagt	tgtttaaaca	540
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<210> 6333

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6333

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aaggatctaa	actttttaag	ttttaaaatt	taaaaatcac	ctgctttaat	tgccgtaatt	180
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gtggtggaaa	caacatgtaa	ttcagggggc	tcagagaagt	gacaagcggg	agcctgaaaa	300
cacacctttg	accggcaaag	tgagcagagc	tcagtagagg	ggaaatagca	cagcacggat	360

cctccccagg	aagagcccat	gctacgaaaa	gaacatctag	cagcaaatca	aagaaagggg	420
cttctttcct	gcttttaggg	tatcacagcc	caattctatg	tggaatatcc	cttgctcttc	480
ctctaattct	cggctncatg	gtctgacatc	tatttccttt	atcttctctg	gcagnctatt	540
antaaatcct	gggccggccc	cgggggttac	gcctgnaatc	cagcantttg	g	591

<210> 6334

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6334

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cctcctgggg	gaggcatcct	ccaagcagac	ctgagcggcc	ccgggctggg	gcgggctgac	180
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gcctttatga	gcgcgctctt	ccacgtaaag	ctgcatcttt	aaaatgtccg	acgtcatggt	360
ttttagtgg	atcagcccgg	gggtcatgca	tgtggacatc	ctgctcatcc	gccaggatcc	420
aggggaaatc	cttgatgacc	tggatctttt	ccatgttgc	agtggcggt	tntntcgtgt	480
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<210> 6335

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6335

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tacaggcaca	tgccaccatg	cccagcta	ggctaatttt	tttgtatttt	ttgtagagac	180
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ctcagcctcc	taaagtgtg	ggattacagg	catgaaccac	tgacactgcc	caaagtacct	300
cattttaact	tgattacctc	tgtaaagacg	ctatttccaa	ataaggncac	attcacctgt	360
acaggggtta	ggacttgaaa	atcttttgtt	gggggacaca	atccaatcca	ttaccaatac	420
cttcccccaa	acctntcagg	tgtcacaagc	ctggatcccc	aagttctgct	gcctnctnac	480
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<210> 6336

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6336

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ctttcacana	aaggattatt	tacagtttat	gtagatataa	agctcactgt	tgcatatata	180
aatgtanatg	tgcanaggca	atatatacca	aaacgggtat	actgacaagc	gatagatatg	240

008220 69462960

taanaaatgc	anaataaata	acagctttat	atatttcctt	tcctttttat	ttttaaaaaac	300
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tctgctgcaa	acagnggatc	aaaaagcaga	agtgttctta	gcatgattca	tctttgaaaa	420
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cttatcangt	ttttgacata	gagaaatttg	gttgacagtn	atagaaantt	tatcctccan	540
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<210> 6337

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6337

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ctctagacct	acgttcccca	acatggtaag	catcagccac	atatggctaa	atttaaatga	180
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aatgctctga	accaatcaac	ctattggcct	atttgggcaa	attaggaaga	aaaaaactat	540
nagccgnttc	aaggaccttg	gctnaattct	ggttacatac	agtccca		587

<210> 6338

<211> 593

<212> DNA

<213> Homo sapiens

<400> 6338

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tgcttttata	aacaacgtgc	attatgagaa	aaaaatgaaa	atttcccatt	tttattttta	120
aaaggtacag	agaatagagt	ccaaatgaag	tctccaaatg	acaatatgcc	agagaacacc	180
aaattcccaa	atctgagtaa	ctatctaaat	ttctgaggtc	tcagcctgga	caacatggca	240
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cccagctact	cagaaggctg	aggtgggaga	atcgcttgag	cctgggaggt	tgaggctgtt	360
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gtctcaaaaa	aacaagaaat	tctgagggtc	gcaattaaat	atttgctttt	aactttctac	480
taaagtacaa	aagaaaaata	acacaatttc	tatgaaatat	caggataagc	atagcaataa	540
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<210> 6339

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6339

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tggatatggt	tctagttgta	tgcttcgtaa	gtgaacacca	aaataccata	aaggtagagg	420
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<210> 6340

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6340

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<210> 6341

<211> 596

<212> DNA

<213> Homo sapiens

<400> 6341

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tactttaaca	ttttactgt	cattaaaaaga	gcagcaaaaa	tgtgaaggaa	aactaaacat	480
tctgcctagc	ttctaaacat	agcctaactt	ctaaagctgg	cattaatatg	taaagagtgg	540
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<210> 6342

<211> 594

<212> DNA

<213> Homo sapiens

008270 69462960

<400> 6342
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<210> 6343
<211> 585
<212> DNA
<213> Homo sapiens

<400> 6343
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<210> 6344
<211> 501
<212> DNA
<213> Homo sapiens

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000220"0946960

<212> DNA

<213> Homo sapiens

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agctcagtaa	aattattgat	gtttgggcaa	cagctacac	cagcgggaatt	aaaggtctat	540
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<210> 6346

<211> 603

<212> DNA

<213> Homo sapiens

<400> 6346

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actctactta	atactagggt	gtgttcctac	agttagttaa	aaaaccaacc	agctggtagt	180
atTTTTTTtag	atccaacct	agaaagacag	tgtgggtctag	tgtagagggc	actggctttg	240
gagtcagatg	ggtctaagtt	cgaatgctgg	ctctgctgct	tggaagggtgt	gtaactttag	300
gtaagttgca	taacttctct	aagcctcagt	ctccgtcacc	ataaaatggg	gatatctatg	360
tatcttgtag	agctgatata	cggttatgag	ttacatgtgt	catacagagg	caaagtacat	420
gtcgaaagta	gatgtggcct	gtgaataaag	tggtanggcc	aattttacac	cgatgggtaa	480
gctcacaatt	aggaaacatg	aataacttct	tttgagtaga	tatatatnta	taatggaagg	540
tcagagttta	aataanggat	tcccttcaat	catggttctt	taanggggtc	atcatggacc	600
cat						603

<210> 6347

<211> 590

<212> DNA

<213> Homo sapiens

<400> 6347

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ttacaggcat	gtgccaccac	atccagctaa	ctttgtattt	tgagtagaga	tggggtttct	180
ccatgtttgt	caggctggtc	tcgaactcca	gaactcagat	gatcctcccc	cttggcctcc	240
caaagtgtg	ggattgcagg	tgtcagccac	catgcccgcc	ctcctctgtc	acttttatag	300
ccatcctctg	ctcagaggaa	agagctgaca	cctctctgcc	cagtctcgag	gccccagtc	360
acactgtcta	caactatcta	cagccatctt	cataccta	gccaaaagag	gctccccaca	420
ttagttaacc	ctcggagtga	ttcactctaa	atttggccga	gcacactaga	gacaaagaaa	480

000220" 69462960

cacaaaccca cccagaaata aagtttcang gccatccttc cttttccacc aagtaaccac 540
cntgnaggaa acttnttttc cttggcctaa nccttttacc agttcacacn 590

<210> 6348

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6348

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ctctcagtat ttagatgagg atagaacaga tacggngtaa cacgcctctc cactgcttac 180
tgtgtgtacc aagaaggcag aaagcagctc acccaagcct aacctggccc tgtctttttc 240
aggcttctca ggatgcccac agcacatact ggggggatgg ggacactatg gtgcactcag 300
gcagtggcaa ggggggcaata cgtggagtca ggatggagga acactgggtg ccaagacagg 360
aggggggcct tggcaaccat ctgcaatgca tggggcaggg actatctgga aggactgcag 420
ggatcactga aaagctgtgc caatgcatta gccatgaaac ctaagaaact tcagacatgt 480
ctcctctggt taccaagagt tgcattatct tggggacttt ttgatttcag gccattcgga 540
attatggcag ccattgntcn naggataanc tttggnnaca aaa 583

<210> 6349

<211> 594

<212> DNA

<213> Homo sapiens

<400> 6349

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
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<210> 6350

<211> 190

<212> DNA

<213> Homo sapiens

<400> 6350

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caggtttgtt ataaaggtaa acttgtgtca caggggtttg ttatacagat tatttcttca 120
cccaggtact aagcctagta tccaatatta ttttttctga tcctctccct cctcccaccc 180
tgtgcaccct 190

<210> 6351
<211> 525
<212> DNA
<213> Homo sapiens

<400> 6351
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acaacctccg cctcccagg tcaagcaatt ctctgcctc agcctcctga gtagctggga 120
ttacaggcat gcaccaccat gcccggttaa ttttgtattt ttagtagana tgggggtttct 180
ccatattgag gctgggtctg aactcctgac ctgaggngat ccaccacct cggcctccca 240
aagtgcctggg attacaggcg tgagccaccg tgcccagcct taaccttaca tttctaaagc 300
actaagaagt ttctagattt gagttaacac tattatctct tgaagctcat ataccctacg 360
aggtagacaa tgcagataga tacagngatt ctcatccac acgtgaagaa actgattttc 420
agagactaat ttgccc aaag gncacacaac aaattaagg anaagccaaa cttggaccca 480
tgnntttcaa ggncaagtt aanacntttt aacctggcct tttag 525

<210> 6352
<211> 559
<212> DNA
<213> Homo sapiens

<400> 6352
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ttttaagtgg aatacacaag gcaatatcta caaacaccaa ggaaagttaa gtactgcatc 120
tctatttcat ttggaaaggg gaagattccc aaatcaaact ggttttgato ctttaagaaag 180
gcggcagagt taattcatgg caacatatgg ttagacaaaa tcctcagtaa gaatgccata 240
tgatagtgtt cgcattgaaa gaaggatgag gtgcttcaaa tcaaagtctc aactgcttga 300
ctctcagggtg tttaaatatg gccacacacc atatttagtt ctagattata tgggatatga 360
gcaaggaatt gaaacagata agatagtttt tacagatact gtatacagat ttttttttcc 420
attcatgcaa cttttttctt aaaaaaagtt aaacatgtga agcccaaatg cccaatacat 480
ttttttaaat attactaaa ttttctgggg cctccttaca attggtacct tttccctngc 540
cataangggc tgggacaag 559

<210> 6353
<211> 535
<212> DNA
<213> Homo sapiens

<400> 6353
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tgcagcctca acctcccagg ctgaggatgat cctttcacct cagcctcctg agtagctgga 120
aaaacagaca tgtaccacca tgccctggcta atttttgtat gttttgtaga gatgggagtg 180
tcaccatgtt gccaggctg gtcttgaaact cctgggctca agcaatccat cgcctcagc 240
ctaaatcttg atctctgcca atagagccaa acgtttttta aaaggcaaaa atctctctat 300
aggtaaaagt tttatttcaa tgataatatt ctcaaacatt tcttaagaaa tgtcttcatt 360
ttctaagaaa tccaattact gnotcatact tccaggattc tccaattttt tttttcagga 420
tattataggc catcaatttc catacgactc ccacacagt gtggnaacca aggtggnttg 480
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000220.6946396

<210> 6354
<211> 558
<212> DNA
<213> Homo sapiens

<400> 6354
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gatggcctgt caatcctggt tgcgatggtc actgtgaagg cccctctgt gtccggcagg 180
taggtggagg gcacaacctt gtagggcccg caggcaggag gcagagccgg ctcacctcct 240
gggcgtagcg atgtggcacg cagctcagca gcggctcctg cagcagcagt ggggggtcgt 300
cctggctcct tccacctctt gggacctgga agatatggaa gccgatgggg tggaactcgg 360
tgtcactggg ccggcagtg c gatgcagag tgatgcggac gcagcgagct gcacgggtccc 420
ccactccccg caagcagggc ttgccccggg ggtggtgttc tttggncaact ggccttatgg 480
cgcttaagga aactngnccg gtagaaaaag acttgagca nggacttccc ctgngcgtt 540
ccttaaggaa gggcttgg 558

<210> 6355
<211> 534
<212> DNA
<213> Homo sapiens

<400> 6355
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taattctcat ggacagcaaa aaaaaaaaaa aaaaaaaaaa tctattagat caattatcac 120
cttacctttt tgcacagaaa tcttattgng aagtcacat agagtcaata gctaaaaatt 180
taagactttc tttggccttc tgatattaaa caaattattt acaaactgng atcagtaatt 240
cgnggatatt ggtaaaatga tncaattttt tgttggtgtt gtttaagggt ttcattataa 300
aattgtaaaa caactttgta aggctgtaca gggctgtaaa ctactttgct aatataccat 360
gggatgcaga ggaaggaata atagacctt tttttaaggc taaagttatc aatgttatag 420
atgcattcct taaaatcatt atgatttata cccaaaggga ccttttccat taaatcccct 480
gggttctaca antttcaaag nnaaaaaatt aacctggatt ncccttagtn tttt 534

<210> 6356
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6356
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acaagacaat gcaaaggat tcagaaaact tattaccctt ctccaccaag gtaaccaatg 120
aatgttaaca ccttcgtgtg tattcttcta cacttttcta tgttcatata aacatccaca 180
tgcatatata cacacacagg agtttttact ttttttaaaa atagaatcgt atacattatt 240
atgaaatttt ccctttttac aatataatcc atgaacatcc ccacaaatta gcaaaattct 300
agctccctca tccccagcca aatttactaa ctacacatt tgtggtatca cccgtgattc 360
agtcatttat gtatttttct ttttttggtt ttccttttcc ctacaccct gactccccc 420
taacctacct gcattaccca ccttcttca agtcaatgca tactcttcta tacttttctt 480

catgcnentt aaatccaatt aacctttttg ggancccggt antggtggac aaacccttag 540
agncntttgg 550

<210> 6357

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6357

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gcagcctccg tctctcccag gctcaagcaa ttctcctgcc tcagctttcc aagtagctgg 120
gattacagcc tgcaccacca caccagttg ttttttttgt attttttgta gagacagggt 180
ttcaccatgt tggccaggct ggtctcaaac tcctgacctc aggtgatccg cccgcttcgg 240
cctcccaaag ttctgggatt acagggtgta accaccatac ctgacctctt aatctctttt 300
ttgaatagtt tgttggttagt gtatagacag aaaactgatt tttgtatgtt gatttttgta 360
tcccagaact tgactaagtg aacagatttc ttgatgaagt cttggggttt tctacataca 420
agattatgcc actgnaaata aagataattt tatttcttct ttatgaatta agnggctttt 480
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<210> 6358

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6358

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taaaaggatg acctgaggct ggcaaccaca aaaccaagaa gccagcgggg gctgccctt 180
ccaagtctca ccaatgacct agagcagggt ccagagccca aaggcccaaa agtgcaattc 240
ccaaaagcca aggtctggga gccatcaagg agctcccaga gatccagcga cgctcagagg 300
gcaaggggtg ctttgatgag cctgcgcgat gtggtggtga ctgagggtgcc cagggcacatca 360
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acgttatcca cttcgcactg tgtgggcatn ttgggcaaag tctnatgccg attcattaac 480
ttcacgatgt tgatganent ttgcaaaaag tttttaccac nttttccggg naaatttgcc 540
gttcttggtc cggggc 556

<210> 6359

<211> 538

<212> DNA

<213> Homo sapiens

<400> 6359

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gaccacaggc atgtgacacc agctaattta tttgtatttt ttttaagaga tgaggctctca 180
ccngttgcc caggatggtc tcaaactcct tgggctcaag cgatcttccc gccttggcct 240
gccaaagngc tgaaattaca ggcatgagcc actgngccta gcctagggaa tttcaaatta 300

tatatgngng	tcacgttctg	nttctcttgg	acagtgctga	tctagaagaa	gaactgttac	360
taagagttag	ttaatggtac	ttgggaatag	ctttatgatt	caaatacatt	ccttgnaaat	420
ggtcaaaaat	tgtaaggga	ttttattaaa	taaatggntt	tcnggatttc	aaaaatgggt	480
naaggggaaa	aaaccttnaa	aaggganaaa	ggctttttna	aggcntgggt	ttagcttt	538

<210> 6360

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6360

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aaaggagatg	aagcatgctc	cttaccttgg	gaaacttaaa	gtgtagtcag	gaggagaaac	120
agaatattgc	aggttgaaaa	tacaggaagt	caaaaaatta	acaagagtaa	ataggaaaac	180
tggtctaaca	gttcacatat	tgtactggaa	aaaagagagc	acagatgcag	aaagagtaat	240
taggtgaaat	gaacctgtta	tottatttgg	aaaaatgagt	ctctgaagat	gtaattaagt	300
taaaggtctc	aggatgagat	gacactggat	tatccaggta	gatcccaaat	ccaatgacaa	360
gtgtccttac	agaaaataca	cagagtgagg	tcagagagat	gagaaggcca	tgtaaagaca	420
caggaaaaaa	ctggagttat	gcagccacca	gacaaggaat	gcctgtagcc	ccccaagctt	480
gaagnaacct	tggaacaaaa	tttcnnttna	agcncnttga	gggaccacgg	tttgattttg	540
aataggatg	cntac					555

<210> 6361

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6361

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tggtggtcagt	gaattatttta	agaaaaaact	cagaagagtt	ttgaaaaagg	agcagggtga	180
attctacaaa	ttcaatatga	ggcaccagtg	ggagaagtca	attggatgag	cacatgaaat	240
attaggagtg	ctcgtgaggg	ggaagtaaca	ggtctattgt	gtgcagtgtc	gggcaggctg	300
catatggaga	atgtgtttaa	agagcatttg	caaacttaag	cattacttga	agatattaaa	360
cagaatgatg	gaagcctggt	ctttgattat	ttattgctga	catatgcatt	gcantgatgg	420
cattnatggc	ctaangatta	agcctacnnt	gaattggcca	tggaacaagg	atgcttataa	480
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angcccatt						549

<210> 6362

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6362

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actgaatgct	agagagtcag	tcatttcaact	tgccatgaacc	tcctcgtccc	cttgtccaga	180

gtgagagacg	tgatgttcac	atcacaggct	tgctgtgagg	gccagtgagg	aggcaaaaagg	240
gataatgcc	cacaaagacc	aggtgctcaa	taagggctgc	tgttattact	gaagtcttgg	300
gctcagttcc	agctgtccta	ttgcttaagt	ctgtgagctg	agacaagtcg	tgtcaacttt	360
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anccctggat	n					551

<210> 6363

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6363

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gggtgggacg	ttaaaagaga	caactgccca	gggaacagta	gtttacccat	taaaagtaat	180
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gcacaagtta	acctgggaca	agaagcatgt	ttacttgatt	tgaattatag	aactatgtat	300
ggctccttaa	actccccctt	agtaggggct	gcattggagg	ggaggggtca	agaggtctca	360
ttcctgaaaa	ctgaaaggac	aaactgcata	aagnccaagt	tgncataagac	agatgccatc	420
tttacatgat	ataattcaag	tttaagcctt	ttaggaaata	atncattngg	tnaatattga	480
cttttacaat	acttggataa	ttctattcnc	aacccccaaa	gagccattgt	agccaaaacc	540
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<210> 6364

<211> 446

<212> DNA

<213> Homo sapiens

<400> 6364

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ctgatcaaaa	aagaaaatct	ttccaagaac	cctnccccag	gagactttct	ttgattggcc	180
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aaaggnttaa	gccaatgnta	atacctcccc	taagtgcatt	ggtgcttact	caatatctga	300
acaaaattac	ggntcttgag	catgaaagaa	gcaggcacag	ggaagactnt	caagttaggt	360
aaccagtaat	gcctggctta	cttggccaca	gancncaaag	gcgattcttg	gataaancca	420
agnatngtng	aattcattct	tttaaa				446

<210> 6365

<211> 535

<212> DNA

<213> Homo sapiens

<400> 6365

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aanatgtnc	tctaacataa	tctgtccgtt	ataactngng	tcatacagtc	aatacattta	120

aacaaatgac	aaggtaaato	cttatgttaa	atataagata	atcnccactt	tcattttatta	180
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gatncagttc	tnnttcacaa	tctactagaa	taatcattcc	ctatattatt	caatctgact	300
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gacatatncc	tatcctaaaa	tnggaattaa	aaattttccc	tttttaaaac	ccaccgnttt	480
caaatcccgn	aattttttac	ctctttttta	gnctngggat	gggtttttgc	tttna	535

<210> 6366

<211> 568

<212> DNA

<213> Homo sapiens

<400> 6366

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ccactgcagc	ctccatctcc	tgggttcaag	cgagtctcct	gcctaagcct	cccaagtagc	120
tgggattaca	gacgccacc	accacaccca	gctaattttt	gtatttttag	tagagatggg	180
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taaagcattt	atagctttga	gtctcccttt	cacacactca	actagactgt	atgccccacg	360
aaggcagaga	ttttcggctg	gttcttncct	gntgggatcc	tcaacatcta	aaaatagnng	420
ctggcatana	agtaaaaaagt	tctataagna	tttttggtaaa	nggntgaatc	atatgtctctg	480
taaaaaccng	gtttttttat	ttccaaaata	ntttaataat	ngcttaattt	tgncccccaa	540
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<210> 6367

<211> 492

<212> DNA

<213> Homo sapiens

<400> 6367

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tatctgtgtc	ttctgtgtct	catggttgca	tatcatcatt	gcattgtctt	gaagaagctg	180
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agtgtgcaa	aggccttggg	gagagaggaa	agtaggctag	gacaatggga	ctagtcttgg	300
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ccatcatctg	ggctgtagcg	gaacagttag	tatctctgat	gaatgatggg	ctctatatgt	420
ggtgggctgc	ctttcagctt	ggatcaagtg	ctgcaaanc	tanagacang	nttaccatn	480
gnccntaacc	ag					492

<210> 6368

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6368

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actttgtact	cggtatattat	acagaaacat	aaattgcagc	aaacattcta	ctcaatattt	120
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cttcccaggc	ccactccagt	gctggctacc	ctttaaatta	tcttactgtg	caatcctaag	360
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aaccgccttc	ctccttgctg	gttcagaatt	atTTTTTggg	ccanggatgg	tggcttatgc	480
ctataatggc	agtatttttg	gaagctgang	gcaggaggat	cacttgagtc	caaaagtttg	540
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<210> 6369

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6369

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tcataggaag	ttgctgtctt	aaattcttag	gattgccatg	aaataccata	gtgttttaag	180
atttccttat	catctcagta	tgccctctaa	gtagtacact	aagtctgggt	actgtcttat	240
tactaaacat	gccattgctt	tgctttcccc	acttggagaa	aaaaacactt	ttgcttcttt	300
cataaaaagg	gggaaatgaa	atttgaatat	tataagcata	aaccttggag	tgtaaagcatt	360
tctccaaaat	gtgtccctag	aatgaatggc	agttttatct	tcttttttgc	cagggaggct	420
ttgagtacaa	gcggccattg	tggactgnat	aatcagcatt	gtggaagaga	accctgagag	480
taaagaacag	gcctagncca	cctttgngaa	tcattggggc	tgggacacct	ggtctggtac	540
taaaatctca	cttgtgggca	aanaggncct	aaa			573

<210> 6370

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6370

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tgctggcagc	tccaggtccc	ctgccccac	gggtctctcc	acttgtcttg	atcaggggag	120
acctccactt	tgaagaacaa	tatgggggtg	gagcttccaa	tgtgcattct	gctaccagcc	180
tcaggattag	cagcaagatg	ccaacagcaa	cagcaacagc	aacagcaaca	gcaacaaagg	240
actggactcg	acacttcagg	aaaggacgtg	tagaagagaa	agtcagaccc	acagtgtcac	300
gtgtaacaa	cggctccaca	acagcagaca	cgacactggt	gtgcaccggt	tgtaccacct	360
gtggggaagg	cttgcaagca	caccgacagn	ccctgagggg	cccggcattc	tactnccaa	420
catgagaaag	aattaacaca	cacacacaca	tgttcacatt	ttntgcgang	gacagtcaaa	480
ttangnncca	aagggaggat	aaaacatttt	agagaacnca	aaagcctggt	gccttgccca	540
ataggcgtna	ggctggacac	aaaaggctgg	nttggncctg			580

<210> 6371

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6371

gaaaggagtc	tcacactgtc	gcccattgctg	gagtgcaatg	gtgcaatcta	agctcactgc	60
aacctccacc	tcctgggttc	aagcaattct	cctgcctcag	ccttccaagt	agctgggatt	120
acaggcgccc	accaccatgc	ctggctaagt	ttttgtat	tttagtagaga	cgggggtttca	180
ctatgtttgt	caggctggtc	ttgaactcct	gacctcgtga	tctgcccacc	tcggcctccc	240
aaaatgcagg	gattccaggc	gtgagccacc	acacctggcc	taatgctggc	ttttttctgt	300
ccttcaatca	tgtcaagctt	gttttcacct	caggatattt	accaaattgt	cgttgntctt	360
gaaattctct	ctgccctgat	cttaaagggc	tgnttcttgg	cattcagaat	tagtactcat	420
acttcattag	aataagcctt	tttgaacct	tctttactaa	gtccctcatt	taataatncc	480
tataataagc	tgggaatttt	gcttggttgg	ctatggcaat	cttgnccagt	agaattcgaa	540
ttcatgagaa	acaaggtttt	gtttgt				566

<210> 6372

<211> 511

<212> DNA

<213> Homo sapiens

<400> 6372

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ggcacaacat	catgccaagg	tagcttttaa	atttcttgta	gagaccagaa	cttaccatat	180
tgtccaggct	ggtctagcct	caagggatcc	tgtggcctca	gactcccaaa	gcaactgggat	240
taaaggttcc	ctatcttaac	tgtcagtatc	atggttgtga	tgttgtagca	tagttttgac	300
aaaatgtttc	catcaatgga	aactttgtaa	aaggtacaaa	gaatctcatt	tcttaggatt	360
gcatgtcaat	ctacaattat	ctcaaaaact	aaagttta	gaagactttt	tttttttttt	420
tttttttg	acagggcctt	tgttgnccaa	gcttganttc	aatggcncaa	aaaaacagnt	480
tactggaacc	ttgaccnccc	aggttaaana	a			511

<210> 6373

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6373

gttttttaaa	catagttgct	gtaaacgtct	atgggaaata	cagtctttat	aataggtttt	60
gatagaataa	ttgagtaatt	cccccccata	agtacatttt	attgactgtt	actgcataat	120
aggcgataaa	tctgatgctt	atttggaata	gaagtaggca	ttcttttagat	gagctgtgct	180
ttgaagactg	ttatgaaaag	gaataagaag	tcagcatagt	ggcactcctg	gtttcccttt	240
ttggccccgc	cacagaaaag	atggatgtag	taagaaagtt	ggagtgaag	agaaagttcc	300
agggagaggg	gaggggagct	agtagtcctc	agctaaaaaa	gagaagaaga	aaagtgattt	360
taaggaaaaa	aaaattaata	gaataaaaaga	tnaaaagagt	gattaattct	tactttcaat	420
ggtaagaata	caggtctagc	tgcatatcct	ttattggtga	ctgntttaca	catatactct	480
cctcatcttc	tggggaaagt	tcttggtagt	naangccngt	aagttctccc	nttcaatata	540
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<210> 6374

<211> 575

008270-6945960

<212> DNA

<213> Homo sapiens

<400> 6374

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taacctgaac	ggttcagtct	ttttgtcatg	tatgtggcct	ttggttctcc	aactacatgg	120
gatctgtgtt	gtagcttaa	aaaatacaga	attggccttt	caaaaaaaaa	taataatcta	180
cagcaaccaa	taaatagtct	caaacaaccc	tgctgactgc	agctgccttc	tgaaggctgg	240
gaaaaggagg	tgagataga	gcagaaagag	gcagggaag	gggacgctgc	agctagctac	300
atagcaagga	acacgcccc	atcatgtcct	ccttgctctg	tcagaaggcg	ggttggtgtc	360
agtctcctga	tcaggctgcc	ttagaaacga	ttaaaaaaaa	aggaggcagg	aagactaaca	420
actaaaaaat	gccagcttct	tgaaaaggan	gggncnnggt	ccttgggaac	ttcctccttc	480
ccttttttcc	aggaactttc	cgtaaatcta	aaggggtgcc	ggggcncaat	aggggacaag	540
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<210> 6375

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6375

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6376

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6376

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taattagcac	aggaaattga	aagttagtta	taatttaata	tctctgctcg	tcttcaacag	120
acatactcag	catttatact	tgtaaataga	attgagtttt	cattgtttcg	ttttctgttt	180
ttgtttcctt	aggaacaaga	ggatgaagga	aatatggtca	gcattttaat	aacaccataa	240
atccaagata	ataagtaatt	ctataaagtt	ttccagtttc	attaattcag	aatttcatca	300
tataacttga	aatccaattg	gcttcctctt	tcttagaaac	aaaaaccaa	gaaacctttt	360
tctgaaagac	attattttcc	agtattaggc	caatttgtcc	tcaaattaag	tagaatctca	420
acatcttggt	gagccagttt	gtaaattcca	acttcattta	atgctgctgt	ggcaggangc	480
ttgcctggaa	ctgntggagg	acatntttta	caatagtgc	aaaccgcgt	tcaaaatcna	540
aacaatnccg	ggtttttt					558

<210> 6377
<211> 563
<212> DNA
<213> Homo sapiens

<400> 6377
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agaaattttt agatggaggc aactgggatg tttgtgataa tagataagaa agacaccact 120
gacctgtagt taaattgggt tgaattgcag atattcatta ttgaatttat tcctgttttc 180
tcatacttta gaaaagacac ctgaacaata aatgaatcct ggatagtgtg ctgtccttca 240
aacaatgaag tgatattaat acttgcctgc aggagatgca tactacagga gagaaccctt 300
agactatgtc aggccacact atgaacctcc cccacactgc cttttttctc ctttatgttt 360
ctgttaccgt actaacattg tggattaacg acactgaaat tctgcataat gtgaacagga 420
taaaactatt ataaatcgaa aaaaaaaaaa aacaacacag ggcttctgca gggaatatc 480
tttcctcaat attctacttt ccttaactct tctttgaatt tgcttaanca tttgaggctn 540
cctggcacc cttttttcca ata 563

<210> 6378
<211> 559
<212> DNA
<213> Homo sapiens

<400> 6378
actcaagaat ttttattttc agtcttcttt gtaggaatga gaaatgggaa agaattgcat 60
tctgataaat agattaatgg ttaaacaat catggcacat tcaaaccaag aaattttgta 120
gccatttgaa gcttgtagtg agcagtaaaa ttgccaacat acggtgagtg aaatgaagtc 180
acagaacagt attactagt tctatcagtt atgtaaagct aaccaaaaaac cgtgcattta 240
catgtgtgtg tttgctaatt cattttgatc aggatcgga gactgtatc aaagcatcat 300
aagtagactc ctttttact ttttgttctc caatggctca gaattgtgaa ctctttacgg 360
gcatgtattt tacagtttta aaacaattgt tttttgtttt ttgtttttgg tggggtttgg 420
ggagcagggt ctactctgt tgcccaggct ggagtgcagt ggcataattt ctgctcactg 480
gaaccttcgc ttccangtca agtgattctt ctggctaanc ttcccagtag ctnggantac 540
cggggggntc cccttnccn 559

<210> 6379
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6379
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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

09629459.072800

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn 550

<210> 6380
<211> 584
<212> DNA
<213> Homo sapiens

<400> 6380
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agagcccaaa ctccgtgttt ccgttccttc tctttcgggt tctgctgagg gctgggtgaca 120
cactggcctc ttgtcagtgg ctgccggcag ggccaggaac agagtagaac ctgcagcaca 180
gctcagtcca gaaagcgtg gcaggccttc ttccaccggc aggccgtgca ccactggtcc 240
cgggtgctcga tgccatacac cttgcggcac ttcttagcct cccctcgggc ttctctggca 300
ccactctggg cccgggggtgg agaagtacg atcagatgag atttcacgc aggtgctggc 360
tgctggggct cgctgaagct tagcgaccgg ctccggaccg gagagagaga gcaggcggcg 420
gagggggcag cagcccagct gacactgggt tagatgtgtg gtgagactgg gaatctggaa 480
ggatggcaga acctgcggaa gacnagggtc aaccggatt ctagcttaag gaagtgttca 540
aaagtttgc acaattccca aangcttata cacagcngaa nggg 584

<210> 6381
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6381
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agaataaatg attattgtaa aatctgcaaa caatgtagggt atgtagagag tcccttcctt 120
ggagcttgac cttgtcagac aggtatagat gagtggtccg gggcagccgt aaaaactgcc 180
agagactggg ctgcttataa cagaaacgca tggctctcca gaagcccaca ttcaagggtgt 240
ccaaaggcct ggctcctgga ggctctggag gagagcctgt tccctgtctc tcagcttctg 300
ccggttgcca gcaagtgttg ccgttcattc actccagcca ctgcctccat ctgcacacag 360
caaaacagcg tatcctgaag tgctcaacct tatagccatt attttaaaat atccggaaca 420
cacaggaccg tgggagtggc tgttgagaaa attttcatga aggaagaaaag attaccacta 480
agttttaaaa tgctagtttg gttggtttgg cttggaaaagg angtaaaagt gggaagtnaa 540
aatagggagt ttggggtaag gngggaaaag caaaggaacc cct 583

<210> 6382
<211> 586
<212> DNA
<213> Homo sapiens

<400> 6382
gactggatac aaattgcagt ttattaaggc tccagagtga gaaatggcac ttggttctgg 60
gcaggggcag gggcaggggt gtcagtggag ccaaaggag ctgggtccaa acatgttgga 120
gggacctcct ccatccccct accccaata aataaagtct cagctccatc tcagggtgct 180
ggtgcagggc agggatccct cactgaggag aaccagggc tgctacctcc ttcatatttc 240

008210"69462960

ataaacacca	tcatccctga	gtccacagat	aaggtccccg	gagaaggggc	ttcccctcct	120
ttctcgctgg	gttgacgttc	ccagcgagt	aagccttttc	tggaatgtgt	gtacgcaccc	180
tccaccaaga	gttctaataa	gctaagctta	aagcagaaca	gtgaaatggc	aaaactgtac	240
agagccctga	ctttacattt	cactctgaca	gccagggtcg	gaagcaccac	atggaaagt	300
ctgtccataa	ctgtcactt	acctgctcct	tgctgacagc	tcccaggatc	tggtccagc	360
gagtggcaaa	actgggaatt	ttgccaaggg	aaattactca	ggaccgctaa	taaaaacgcc	420
ggcttctgca	acatgcatat	tccccagcc	cccacctnca	tcttgcccag	ggcagaccat	480
tcattaacta	tctgcgggg	gaacaaagaa	tccaatcct	tagatgtccc	aggactcatg	540
gctcatgacc	cacggaatct	aaggcagcac	agtggnttt			579

<210> 6386

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6386

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accatgatta	cagggattaa	ataacataaa	ggtttcctac	aaactctaca	cctgcttttg	120
ccccttaaat	atcaaatgta	gttacattct	ggtgcaaac	taaaagtaat	tttcaaattc	180
tgtctgaaca	tggtgtctta	gtctgcttgg	gctgccagaa	caaaatacca	tagactgggt	240
ggcttaaaaa	acagaaataa	attttctcac	agttctgaag	gctgggagtc	caggattaag	300
gttttgagg	gtttggtttc	tagtgagggc	tttcttcctg	gcttgagat	ggccatcttc	360
tctccatagg	ctaactggc	ctctactttg	tgtgtgggag	agtcagagat	agagcaagcc	420
ctcttgtgtc	tcttcatata	agcctactaa	tccccatcag	accaggccct	tatgatctta	480
aaccctaant	acatcttaaa	aagccccatc	ccgaaacacc	atcagactgg	agatggaact	540
ntaaccocat	tccataccct	ggagatggag				570

<210> 6387

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6387

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tttgcaggan	aaaggctatt	tttaaaacttc	acaataattc	taaaggaagc	caaataataa	120
aacttcta	aaatgccata	acttaactat	tacctctatt	tgtacctttc	acaaggatct	180
aggttcaaaa	taagctcaaa	acacagcact	caccacttca	acagcagctc	aaagtcaaat	240
ggaaaaactt	ggggtatatt	ctttggagga	tatactagga	cctgagaagc	aacatgttcc	300
tggttggttag	gtccacaaaa	aatttaaaaca	tgcagaattt	tatggactga	caaaaaaaat	360
taccaattta	agtgatcaat	atattaatgg	ttttcagagt	agtaccgat	atttgatgtt	420
caaggtcatg	catgggtatt	ttnaattcct	taacctagac	cgcanggtat	aagtcaccat	480
tctcccta	ttttgaaaaa	tcttaactgg	gcaatccaaa	tcttgntttc	cattttcnca	540
aataatngna	ngacccg					557

<210> 6388

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6388

nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnn		585

<210> 6389

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6389

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cctctcgcct	tggcttccca	aactgcttgg	attacaggca	tgtgccacca	catccggcct	120
aaaagttttt	aagagtaata	agcaaaggta	gatgtgtatg	tgtgtgatac	tgtcatggtg	180
acatttgtcc	aaacctatag	aatgtgccaa	gagtgaacac	tgtggactct	ggttgatggt	240
gatgcatcaa	tgcagtttca	acaactgtga	cacatccacc	cctctggagc	gagaggctg	300
cagtggggag	gctatatgtg	tatgggggga	aaagggggtg	tatggaaact	gtaccttcca	360
cttaattttg	ctgtgaacct	aaaactgctc	taaaaaatag	tctattttta	aaaggcacat	420
gattcaatta	cattttccat	caataacaac	tgagaggctt	gggaatgatg	accggtgtgg	480
actggcccgg	ccccattacc	tgggtgcacgt	ccttctgnat	ccgnatcgtg	gtgctggccc	540
cgacacatch	anttggtgag	gaaggggtgc	tt			572

<210> 6390

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6390

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taaatgtgaa	gacatgtttg	tctgggatgt	ggtttttttt	ttgntttggt	tnttgctttt	120
attcagcaaa	gcgtactttt	tttcccaaaa	cataaaatca	ttcagcaaaa	aaacaaccaa	180
agaacaataa	caaaaaaaca	gtgcacatgc	cacaaagcaa	accaaacata	gctcagtttt	240
cctactgata	acatatattg	tcttttaatt	ttggcatgtg	gaagtcacag	aaattcacag	300
acttaatatg	cacacccaaa	tattctaagt	gcttatttag	ggagtatctt	tatttggaat	360
aaagaatttc	gagttataaa	actgatggct	tataagaatg	cagcttacta	aattggncct	420
cgttcttaca	aactggagta	atcttgccct	tgagagttga	aaatacatat	tcatctacat	480
ttctgcagcg	agtgggncca	cagtttaatt	tcatcactgg	tgggggttgg	caanaatgnt	540
cactcttttt	ctgntgctgg	ggctggggct	tccntgactt	gg		582

<210> 6391

<400>	6393						
gagatagtgt	gtgactctgt	caccaaggct	ggagtgcagt	ggcaagatca	tagctcactg		60
tagcctccat	ctctggagtt	caagggatcc	tccgcctca	gtctccgaag	ctaatttttt		120
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acagagatga	atgagcaaca	gacatataag	ttaggattta	tttcagggtta	cctgaaccac		360
ctaagagaaa	acagacacac	aaagcaacat	cacttgacca	ccgtcacact	taactaatga		420
gtgtactggg	acttnaggct	agaacaattg	ggctttctat	cctctggtcc	tttcagaaac		480
aaaaggggaa	aaaacnggnt	tnaatcctca	tttgctggaa	attccgggcn	ctncagnatt		540
aggataacac	ctncaaagtt	tttctt					566

<210> 6394
<211> 582
<212> DNA
<213> Homo sapiens

<400> 6394
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actacaggcg gcaccaccat gcctggctaa ttttttaaaa attatttggt gagacgggtt 180
cactatgttg cccaggctgg tcttgaactc ccgagctcca agtgatcctc ccacctcggc 240
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tgactgacaa cgtcaggcag tagtccagtc gctaggacag acggatcctg accctcacac 360
tggagtgggt cacaagggcg ccgtantgcc ccaccagga actcacgtct ctcccgtact 420
gctcaaaaaga tacgtagcgg atgcccttgc caaagtgtgt gaaanacgtg ggagaacctg 480
tcngcaagcc ctttttagtc cacttgaagg accgggtcaa ggtgaaggct tnaaaacttt 540
gaccactttc cttttntan acattccaga angnggncc cg 582

<210> 6395
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6395
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aatgaaggta cagattattt taaataaaaa ctacaattatt tttagcaaca aaataatagg 180
aatgccacac aaatacagta actatttttg ttatacagaa atggaagcca aaaataaatt 240
aatgtaatac tggaaaacag aaatttaatt aggagaaaa gtaggaaata attttcctg 300
acccatgcca cttacatgag ttcatataca tagtgctgat aaatgccttg accatataat 360
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gatcaaaatg caatgttgaa gggataaaat ccatctgnaa taaagctaca ctncaatatc 480
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gggt 544

<210> 6396
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6396
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gcattttctca agcagaccct ctcccttggt ctccctttca gtccctggag tctggcttcc 180
caaaagccaa agctggagga gagctcattg ctgaggaagc agggttggag cctgaggaga 240
tgagagggc ctggaccctt cgctggatcc cagaggccca ggggcagaga tgctgggaca 300
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gctacgggtg gctgcaacac tgtctggctt ctcaaagcgc ttgccgcaga attcacaggg 420
gaagcgcaag gcagccaccg nctctgcatg cttgcgctgg cgccagttca gggaaacctt 480

09629469.07200

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cactctncca	gaagtcaggt	tttaacttta	gcctctagtt	ctggaaaagt	tctggcctat	420
catagatcac	agatctatca	tagntcgnat	ttttaggctg	nccagtgggc	caanggcccc	480
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<210> 6400

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6400

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ccctcacatc	aggctcttcc	ggtactgact	gtgcgggggtg	gtctgtctga	ggtggggagtc	180
cggggctctgc	aggtccatct	gtctgtacag	gtctctcagc	tccctgacct	cctgcagcac	240
cctcttttgc	tggctccaat	togatgatgc	ctntcccagc	agccgttccg	tctccagcag	300
cagctgctct	gactcanaat	cggcgggaga	ccgagggggg	tccttggcct	tctgcttccc	360
atctcccaag	tccctgaacc	tctgccagaa	gctcctgagt	ctcctccaag	tttccttgct	420
accaggtcct	ggatccggga	caagntgccc	gggttgggga	gggcaagggt	tnggggggtcc	480
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gccaanggcc	ttttttgggg	ggaaaattttt				570

<210> 6401

<211> 519

<212> DNA

<213> Homo sapiens

<400> 6401

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atcccatttt	agtcatgatt	ttttgattcc	tggggctgta	tagggaggct	gggatagtaa	120
tctctgcatg	ccattgttgt	aacaagtctc	ggccccataa	attgattgga	atagaagtga	180
tcataggctg	aaccgtactt	tcttgattat	cagatcctag	acaatgtaaa	atcatggcac	240
tttgatacac	ttctgaggcg	gtgcctatgc	caatgataga	aacatcagcc	tgggtatcca	300
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ccgtttgggt	tccccaattt	aacataaggc	aaaaccngna	ntgggcaatc	tattcnngg	480
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<210> 6402

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6402

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240

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nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	420
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nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	540
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<210> 6403
 <211> 532
 <212> DNA
 <213> Homo sapiens

<400> 6403						
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caggcaggac	tgggtgctat	tcgctgggtt	gaggtcgaat	ccatttcaag	gcatgtcgtg	180
gtgggacatt	aatgggtggga	tggtagaatg	tgcagtccgg	tcttgtagat	tgagtgttaa	240
acctacaatg	ttttggatga	tagaaggggac	attccatctt	cttacaagca	gggaagtaac	300
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gaattcttct	actcacatga	gtgaaggggac	aatctgggtt	aatacacttt	gcatcatatt	420
taccatttgg	gtgaacaaac	caacattttt	cagcaaattt	acaattgggg	aangcttttc	480
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<210> 6404
 <211> 547
 <212> DNA
 <213> Homo sapiens

<400> 6404						
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ggttccctcc	cttccaaggg	agtggcactg	tgcccagggg	agagccaggg	gatgggggca	300
gaggagggag	acagcagctg	ctccagaccc	tgagcagaaa	accagagtga	gcacagctgg	360
cagcaccaga	tgacagatct	gggctccagg	ggcctcctgg	ttggcccttg	tggtctgaac	420
ctgcttcggg	agacaggcag	ggtgagggcc	ctgttcgctt	ttctctgaca	anggttcaag	480
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naaggca						547

<210> 6405
 <211> 588
 <212> DNA
 <213> Homo sapiens

<400> 6405						
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tctgaaaaaa	aagatggtag	ggaacaaaac	gtgggataca	tttaaaaggc	actagattca	120

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attcggatcg	aggttatgag	gaagagccct	tttcctttgt	cagttagttt	catgttggtc	300
caccactcca	gcgctgagca	gctccccgat	ggccctgtca	tcgtatctca	ggacctcctt	360
caggatgtgc	gttgtgtgct	gcccagagcag	ggggggcggc	ctggcctctg	acatcttgaa	420
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ctccataacg	angnccttt	gggnaatacc	cttgctgac	cttgaagatg	aaggaagggn	540
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<210> 6406

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6406

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ggggcaacaa	taagcaagac	agatcaagcc	tataccgtct	tgaaatttaa	gtttagggac	120
cactctctgt	caaaggatcc	agcgctggta	atatagattg	ctgaaggcct	ttgccttctt	180
tccaccaggc	aacagaattt	ngtccccgt	cactgcttct	tcttctgtga	aaaatatagc	240
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ccacatctca	aaaacaaaaa	acaaaaagg	atcacagatc	tctttgaaaa	tcagtggccc	420
ctttagactt	tctnggccca	aaaagttatg	ctttcacctc	agcaccagn	tttccctagt	480
taatctgaag	nttcatgggc	ctatgatggn	cccaaattnc	tggagcttca	ganacccac	540
gtnagaaatn	ctagggg					557

<210> 6407

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6407

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ttacaggcat	gcaccaccag	gcccagctaa	ttttgtatt	tttattagag	acagggtttc	180
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aagaaaagga	agggtggaat	tgtcatcaaa	aaggccaaag	aagtaaacag	aggaaaccag	420
ccaaaaaaca	gaaacttagt	accgtgttca	agcaggacac	agcatncaaa	gattancaat	480
ctctgaccat	cgcaaccggg	gagacagaga	acagatggcc	cattcaggnc	ttttttccta	540
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<210> 6408

<211> 573

<212> DNA

<213> Homo sapiens

003270 6945960

<400> 6408

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gggctggagg	agagcttggg	ggagggtatg	agaatgagaa	aaacactttc	aaaatgaagt	180
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ggggcgcana	tggccgggct	gggggggtgca	gagggtctgg	ctggggccct	gtgtcctcaa	300
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ctgctnttan	aatccacctc	cttttntcgg	ggttcttgct	cangaaaatg	gggggacttt	540
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<210> 6409

<211> 503

<212> DNA

<213> Homo sapiens

<400> 6409

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ttacaggcat	gcaccaccac	gcccggtctaa	ttgggggtttt	tttttgtcct	tttgtttttt	180
gtttttgacc	gattctggct	ctgtgccagg	ctggagtgc	gnggtgcgat	ctcagctcat	240
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tgagcttgng	atccgcccac	cttggcctnt	caaagtgcctg	ggattacang	tntgagccac	480
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<210> 6410

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6410

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<210> 6411

<211> 575

<212> DNA

<210> 6414
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6414
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ctgatgttga acgaagtttg gagcaactgc ttcggataca aaatgtgtac aataagatct 180
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<210> 6415
<211> 586
<212> DNA
<213> Homo sapiens

<400> 6415
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<210> 6416
<211> 574
<212> DNA
<213> Homo sapiens

<400> 6416
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tcaaagctga ttctgtgaga agagggtctc atacttgtgc aaacggaggc tcttgagcca 180
tgagggcaca tctttcatgc cactgccatc ctcttggaag gtgttccggc tggagccctg 240
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gcaggggaaa cctgtgtttg cattgctccc aatactgttg atggctgcng gcacttganc 480

tggatggtgg aaagggcccg tgtccanttt ccggggngnt ttgccttgcc agcctgacct 540
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<210> 6417

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6417

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cacagaaagg aaatggggag agaattggagg aagataagga aagacaggaa aggaggaggg 420
aaaaggggaag aagatgaaga tagagcgtgc tgtatgangg caaagggtggc anaagaaaca 480
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<210> 6418

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6418

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tcttatcttg cctcaaatcc caagtctggg ccttttatct catattttct gcttccctga 480
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<210> 6419

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6419

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 <212> DNA
 <213> Homo sapiens

<210> 6424
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<210> 6425
<211> 569
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aacaaaaatg	aaaataaaaac	ccacctcaact	cctgtatctc	tccctgatta	gacattaaag	180
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caacaaatta	acatgtgggt	aaaaaaaaat	accaccatta	gcccatgctg	ctttaagtta	480
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<210> 6426

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6426

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ataatcgggt	tacaaaaagg	acgccttcca	atttttcttt	ctattcattt	tgatgttttg	180
ttcttttcaa	aacattttct	ctcattacat	tcattactaa	aggccttact	ttaaatacat	240
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ctgggaaaaa	gaaaagttat	ccacttacaa	ggtatacgta	ttgacaacat	ggatgttaca	360
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ttctacacgc	tacaggatag	gaagagctgg	ctcttaaggc	ccagggctca	catgattatg	480
cacttgtcaa	agcagcttct	cantgggtgt	gggcatctgg	ggatttcttc	ttgggcttct	540
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<210> 6427

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6427

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cacgtgtaat	tagaaaattc	atttgaacaa	agaagaaaaa	ttgttattat	gggaacagtg	180
gcatgtaact	gtcagcacaa	tcaaatcata	caatagcaca	gtgatcaatt	agaactagtc	240
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ttgcctataa	acaaaagtat	tttgggaagta	atttaaattcc	acttaattct	tttaaaaaata	360
atattgtaat	ttgttttgggt	ttaatctgat	tactaaccat	ctggctggtt	tgctatttct	420
gactttaact	tatgaacgcc	ttaacatttt	ctttatatca	ggcacatatt	aacttactaa	480
agatatttat	tattaaatac	taaataattc	aatgtccaaa	ctgacttaac	anntaatgga	540
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<210> 6428

<211> 572

<212> DNA

<213> Homo sapiens

003220.69462960

<400> 6428

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aggaaatgca	cattcttaaa	aagaaacaaa	tattatcacc	ccaaccagtc	cgaactccat	180
gagacgctta	actaatgtta	tgtgttgaat	tgtgtccctc	aaaacgatat	gaagtcctat	240
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gatgagggtta	tactggatta	aggtggggccc	caaatccaat	gactcaagtc	ctcataagaa	360
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gcaggtggat	catgagccca	ggagttcgag	accagcctga	caacatgaca	aagtcctgtc	480
tctacaaaaa	atagaaaaat	tagctgggca	tgggtgttgca	cancgtgtag	cccagctact	540
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<210> 6429

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6429

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ctcattcttc	tgcatgttaa	agttcaaaag	ctactataaa	ggacgtattt	taagaaatcc	180
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caagaggact	caaagaagag	gaagaaatcc	ttgtcttcaa	caggctctgg	cagctctgaa	420
gattccctga	aatgtgacat	gtaccgtgac	tgttgcatte	tggagtagcc	actacactgg	480
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<210> 6430

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6430

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caataaaaga	tatttgcttc	atgctttggg	catntatcat	agtngcccaa	aagactntgt	180
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ttcgcttttg	canagctgag	agcacctgtg	catgtgaaca	agcaggtggg	tatctcactg	420
gtttctgcag	tcatcacttt	ccttgatagg	taagttttga	tnccanccag	gggaaaagtc	480
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<210> 6431

<211> 588

<212> DNA

008270.6962960

<213> Homo sapiens

<400> 6431

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tggtataaca	tcaggagctt	taaatcccaa	aaatgtgggg	ttgctcatct	tgcccagta	180
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gcaaagtaca	ccccaaact	caaaatattt	ccccaatgcc	ttttaacca	ttgttttttt	300
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ttaattcttc	caacccatgg	tcttgagctg	atccaaccta	tggctggatc	tgctttgcaa	540
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<210> 6432

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6432

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gattacaggc	accaccatc	catgcctgac	taattttttg	tatatttacc	cgaacagagg	180
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cctggccctn	agccacactc	ctgccttgca	gttcctntga	catgaatgca	atcntttctg	480
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<210> 6433

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6433

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tattaaagat	tacctgcggc	agcattcttt	tggttgaact	tggttaaata	catgttcatt	180
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acaaactgag	tccaaatata	atactctggg	aagcagtggg	ctacacacag	atattcaatc	420
caggatgcaa	aaccttcatt	taaccaaaga	tgagtccacc	attccatagt	ancaagattt	480
ccaaaccatt	gatnggcaaa	gtcatgtccc	acaancngga	gcanccact	ggcgggatga	540
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<210> 6434

<211> 593
<212> DNA
<213> Homo sapiens

<400> 6434

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attttacctt	ttaatctaaa	aatgacattg	aaaactttta	ctttttaana	attctnggaa	540
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<210> 6435
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6435

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aagcacacca	ggtccacata	gcagagaact	tcacattatc	aagtttctat	ccaaagcttc	180
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tgacaactaa	tacttgaagc	acttagctta	ctactagagg	aatctatcta	ctgggggatg	540
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<210> 6436
<211> 598
<212> DNA
<213> Homo sapiens

<400> 6436

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attttaatga	gttgccctct	ctctcattca	tgggaagccag	aatgcaagt	gttaaggagt	480
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000220-69462960

gtgnaaaggg aaaaaattgg gatgttgctt ttnggtttnc angggaaagg accttnt 598

<210> 6437

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6437

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catgggttaa	ctcaatcttc	acaataatcc	tttgaggtac	atagtattat	caacctactc	180
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tcatgtnttc	acaatcgggg	ctccatattc	ttaccaagac	taggactggc	acactgggtca	540
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<210> 6438

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6438

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caggtagag	gtctgaaccc	ctcccccg	cccaaattgg	ggggcattta	gttttttggt	180
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<210> 6439

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6439

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caggatattc	agatagatgt	catccactga	tcttactcaa	aattcactca	ttttccatac	180
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<400> 6442

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acaaggtaac	ttgggtgtggg	cattttctca	acttttcgca	tggactctgg	tgggactttc	540
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<210> 6443

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6443

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ggncagntaa	tagatactcg	gttttttttc	tttcaagtgc	cactattaat	gggtaatttt	540
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<210> 6444

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6444

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agtgtcacc	tatggttcac	gtaacctaaa	tccattttcca	ttatgacagg	accactatt	180
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<210> 6445

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6445

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gaaagtcttc	ccagataata	tcctgaaatg	ngttttccaa	tttgggtcca	ttcttccttg	480
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<210> 6446

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6446

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tacaagtaac	agcaacacat	tcccattcta	ctgaagaaaa	caaatgcgat	ttaaactttca	180
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ggcangtgcc	tgacttttgg	aagcccgatg	gccacacacg	gnttgnggna	atagtgggtg	540
cacggaantt	na					552

<210> 6447

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6447

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atcctcctgt	cttggcctcc	caaaatgcta	tgattatggc	tgtgagacac	tgaccccggc	120
aagggaagt	actttattat	tattttttcc	agtgggaggg	tttggtcagg	cagggagcgg	180
ctgagaaagt	atTTTTaaagc	aatgtttgtt	cttagttgac	ttcagtgtca	acaaaaatct	240
aaaaaaaaaa	aaaggaaaaa	aaagttttga	cttaactggg	gcaaaatgag	taacactagc	300
caaaaagtca	ggatgcataa	catctgtata	tcatgtgacc	ctggcaagtc	ccagctcctc	360
aaagccaaat	ttttttcatc	tttctcataa	ggtagaaata	gtttggcaaa	cgcttactga	420
actaccagga	agagctccag	gatagangga	gctttggcat	atcactagat	gctnaaattc	480
ggactgggtg	ctnaaatttg	nggccaaactt	tttttctttc	cttttttttt	tttttttttg	540
naaacaannc	cctnttt					557

<210> 6448

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6448

caaaaaggca	cttttctgac	tatttctgct	aaaagctagt	agaagccttt	atagcattga	60
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gccaatgtgt	ttctgaatat	gcacatgtat	atgatattctt	taacaatgta	taaaataaat	180
gttgtagatc	ataaatagag	ttctgtaact	aactagcttc	cataactaac	tagctgtgga	240
aactctatgg	agttgtctat	attcctggct	tcaaattcac	cagctgtaat	tgagaacttt	300
ggattaattg	atctctaaat	ctattcctgt	ttgaagagcc	catgatgtta	gtgcatgcgt	360
ggattatgtg	gtttcatctg	aataattgaa	taaaagactt	aaaagttgag	agtataaaaag	420
gcattttatc	cttaattcat	gtagcatttt	ttaagttctg	agagagcaat	tccctctttt	480
aaatcccaac	tgntgntcct	ttnccanttg	aatggggggg	ggnaatgggn	caaaccttta	540
atttggcggg	caaaaaatan	ggc				563

<210> 6449

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6449

cctgtgtaca	aaatgtttta	ttttgacaaa	gcagttaaaa	ggctaggggtg	goccttctgc	60
agccactggg	gactgggaag	agtgtctctag	ggacactggc	cacccccctg	ctcctgtctt	120
cagacctctg	ctctgggatt	gggtccaacc	ctgtcctttg	cagccatgtg	gogatcctca	180
gcattggagct	ccttgccact	gtcccccaaa	ggggctcagt	cgtccatctt	cacgaagact	240
ttggggccgag	aaaagatctt	gatggcctcc	tctacctgca	ccagcttccg	gtccagctca	300
gcacgggtggc	tctgggctct	cagttagtct	gccccagcag	gcagcagtag	cagctcacgc	360
agcagctggc	tctgggctctg	gagcagcttg	gtcaagtgtt	tccagcccgc	tggttctcag	420
gcattggcct	gtggcctggg	ggcatggcaa	ggtccggctg	gctcttggtg	cgggcttngg	480
cttccgncgc	acaaggtcct	gggctcaaca	agtatgnggc	acatggccct	ttgggnggca	540
ttgaaggctc	cnggcctccn	tt				562

<210> 6450

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6450

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tattgtccag	tggggcgaat	ggtggctgga	actaaagaat	tgctgtctgg	tttctatcca	180
aatccaggta	gcgagatata	tgaatggact	tttcgaatcg	tcatgtgaat	aacgtctgct	240
cggcatgaag	gctcagagcc	atgctaggaa	ggattaactc	gtaggctgac	cactaacatc	300
ctttgtggta	cgaggggagaa	acattcccaa	gtatcatttt	attcacactt	aattttctat	360
cccatacccc	caaaataagg	ctagctattt	aattagttgg	ctgcttttct	cttaattttt	420
agtgtttctg	ttgataatgt	gtaaagtttg	ggaaaatgct	aagtagcttt	tcacttagaa	480
cactgggtatt	ttctctttta	aggtttctan	cctacattaa	tattgcntaa	gtaatcttat	540
tgctaaatcc	caaagtaana	aa				562

<210> 6451
<211> 536
<212> DNA
<213> Homo sapiens

<400> 6451
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gagtgcagng gcgnggtctc ggctcactgc aaccttagcc tcccgggttc aggcaattct 120
ntngcctnag cctcccgagt agctgggact acaggcgccc gccaccacgc ctggctaatt 180
gtaagccttc tttttaaaca acacactaga cacctccttg ttgaccacac tataagcttc 240
ctcctcattg ncagcatttc cacctccctt gccagaattt aaatgcctnt cagtccatac 300
agctactntc cacaacanat ggtgatgtct cattttctcg ngcttagact actaaccaaa 360
aaaaaagtcc taggaagctg gcttttagctt ccatttcacc ttcctctatg ggtatgcctt 420
tgngaacagt ttgttcaacc tcatccaaga catgagcatg gcccaatgna aaattntggc 480
ccanaaaat nggtggnntn agaacaaatt ttataattcc aatggctttn gggagg 536

<210> 6452
<211> 565
<212> DNA
<213> Homo sapiens

<400> 6452
cctgttttgt gccctagagg tttttacatc ttggatcaat gcataatggg aaatacataa 60
cagcaaaagg taacaagtaa gagactttgg aaaagacaat gcaaaaaaca taaacaagat 120
ctccgaagac tagaaacaga ttcccttaaa gctctctgng cctttatata tcctgaaaaa 180
tcttagngta tagcttggga taggtatacc ccagtttttg aaactactgt agaataaatg 240
gttttctaaa atttataatg gatttaactc atgttaattt taaatgtcta tatagttcac 300
ttactagtat ttctcccat aagaaaaaca ccaaccacac caatataaaa tgtgagaaaag 360
aatctgatat gctgctttta aaaaatcttc ataaatattc cataattttc catttttgta 420
aattataatc ttttcaacag acttattacc cagtaaccaa actttttact aggatcccca 480
aaagngcccc caattttcct aaggattaat catttcccat tggatgacc tgaagggtng 540
ggtcccttna aaggcttttn tgga 565

<210> 6453
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6453
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tcggctcact gcaacctctg cctccccac gcaagtgtt cttgtgccc agcctcccaa 120
gtacctggga ctataagcgc gcgccaccat gcccggttaa tttttgtatt tttagtagtg 180
acaggtttca ccatgttggc caggctggtc ttgaactcct ggctcaggt gatccgcca 240
cctnggcctc ccaaagtgt gggattacag gcatgggcca ccacgcccc ccaataattc 300
aatcataaaa ttctgggttc ttcaatgttc cccacatat aaacatcaaa atgttagtgg 360
gtaatatatt aatgccttag tagaaagcat gaagggaaga agtgcacct gcctcccatg 420
tgctggttgc antgctctct tgcagtang ntaaggccac gacacttaag gcttttaagg 480
acaaacaagg anaaggaaga aggaagaatg ggaagtttgt aagttaatgg ggattggagt 540

09629469.072800

ttaanttggg atgacaaaaa aatttttgaa aanantgnng g 581

<210> 6454

<211> 531

<212> DNA

<213> Homo sapiens

<400> 6454

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aactgnccaa	ttcacatcag	ttatccgtct	gctttttctt	gagagcttgt	ggaaggngtt	120
aacgtggctg	ggaacatcaa	caccttggca	tgcatgaatg	ttaagtcagg	aaggccagcg	180
atcaccttga	tagcttcttc	acttaggtgc	tcttctcttt	tcggtttcct	actggtagat	240
gtgcttgtct	tctctactgt	agacatgagt	cttgcaaatg	catcactcac	tttgaggctt	300
gaggtggana	tttccagctt	anaagttgtt	aactcataca	actccggatc	cacacctggg	360
attgaggtgc	tgctgctaga	gctactgtca	tccacgggcc	caaagaaatc	aagggtcaga	420
agagtggaac	ctccctacca	tctaaagggn	tagtannggc	ncgtntactc	antcaactgg	480
ccgggtggta	taaactctgg	aactgaccaa	agtcntgggt	catatctggg	a	531

<210> 6455

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6455

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnn					557

<210> 6456

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6456

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ccatttccta	aacaagatat	gtttattcat	ctttttaatc	ctcatggctc	agcacagggc	120
ctgacataca	taggcattca	accaatattt	gatctccaaa	gcatgaccat	tcatgcatcc	180
ataatccttt	ttctatagta	taaagatggc	tgacattcag	gccccatgt	atatitttaag	240
gaatatataa	ttcccaataa	gctcttcttt	ttaaaggtga	ttaacagttc	tagtgttcaa	300
tttcaaaatc	aaaatgacat	catatcagg	gtcattaaaa	gacgaatgcc	aaaccatatt	360
tgcctacaca	ccactgcctt	ttccctttct	ttcattttct	ctgccatatt	aaagccatgg	420

gttttttttg	agtttttcacc	atctctaaga	gccctgaaca	atttttaatc	ctataaggct	480
ttttacttca	gttctgncac	ctattaaaag	cctgggtgtc	nagactgaag	atatacnctaa	540
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<210> 6457
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 6457	
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tgcagtggca	caatctcggc
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tcactgcaag	ctccgcctcc
tgggttcacg	ccattctcct
gcctcagcct	cccaagtagc
120	
tggaactaca	gggtgcccgc
accacgcctg	gctaattttt
tgtattttta	gtagagacgg
180	
ggnttcaccg	ngttagccag
gatggctctg	atctcctgac
ctcgtgatct	gcccgcctcg
240	
gcctcccaaa	gtgctgggat
tacaggcgtg	agccgccacg
cccggcaggg	accacacaa
300	
ttattaacca	accaggntaa
taaattcttn	tttttttttt
tttggagacg	gagtctcact
360	
nttgtcacc	aggctggagt
gcanttgaca	cgatcttggn
tacatgcaat	ctccgccttc
420	
tggggctcaa	agcgattctt
ctgcttaacc	tcttgagaag
cctagggatt	acaaggcttt
480	
ttgncaacca	naaccccaan
acnatttttt	tggatttntt
aggttcaaaa	acggggaatt
540	
ngncat	
546	

<210> 6458
 <211> 573
 <212> DNA
 <213> Homo sapiens

<400> 6458	
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tggcacgata	tcggctcacc
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gcaacctcca	cctcccagg
tcaagcgatt	ctcctgcctc
agcctcccaa	gtagctggga
120	
ttacacgcac	acgccaccac
gtccggctaa	tttttctatt
tttagcagag	atggggtttc
180	
accatgttag	tcaggctgg
cttgaactcc	tgacctcagg
tgatccaccc	gcctcagcct
240	
cctaataaaa	tttatcttaa
taagataata	tgtaatatata
agatagagga	ctgatgcctg
300	
aaattaattt	ttgtgctcta
aaattctgtg	gaagtactgc
ttccaaatac	gacacatatt
360	
ttactccgta	tctctttaga
attaatataa	agtagggaga
aatgaggaac	aagataggg
420	
aaagtgaagt	cctgcatgcc
acttctgcct	tcaacttana
accgtggtn	aagttttaac
480	
aggtcttacg	ggtcctntgan
ggcttttttag	aaacttttan
acttccgagn	ggaaaactgg
540	
gatttccgtg	gtaacctaag
ggctttanan	aan
573	

<210> 6459
 <211> 544
 <212> DNA
 <213> Homo sapiens

<400> 6459	
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acacaaaagca	aaaggttaata
ggctggatgg	gtgaccaacc
60	
ttcattcaca	tacagagccc
aagtatagat	acagactaat
tgggaaataa	gttagagttt
120	
gcagggcctt	agggtgaga
gccagaaaca	ctgtcctttt
ggcagccatg	gaagcgagga
180	
tttccttttc	tgaggacaaa
aaggtaaaaa	taagtgtttt
ttaaagtatgg	cagacaccca
240	

<210> 6460
<211> 546
<212> DNA
<213> Homo sapiens

<210> 6461
<211> 567
<212> DNA
<213> Homo sapiens

<210> 6462
<211> 538
<212> DNA
<213> Homo sapiens

<400> 6462
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gcaacctccg	cctccctggg	ttcaagcaat	tctcttgcc	cagcctccca	agtagctggg	120
attacaggca	tgaccacca	catccggcca	atcttgatt	ttcagtaggg	acagaatttc	180
tccatgttgg	tcaggctggg	ctcgagctcc	tgacctcaag	tgatctgcct	gcctcagcct	240
cctgaagtgt	tgagattaca	ggcgtgagcc	accgtgccca	gcctaagctg	gcatgtttta	300
aggcagttac	atctctaact	tgatttacca	gctatgcttg	agggtccaag	gagccaaaat	360
tgagccaaa	ctgatcttaa	aggaccaggg	aatagaatgg	tcaancatgt	ttccaaagtt	420
taacctaagc	ctggcacatc	cttgccnatt	gctcaaaatg	caatnaaggg	caactaaatg	480
gaaaagaata	caggaagacc	catttgggng	gacacttggt	gaaaacacan	ccgtnnna	538

<210> 6463

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6463

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gatcttggct	cactgcaagc	tctgcctcct	gggttcacgc	cattctcctg	cctcagcctc	120
ccaagtagct	gggactacag	gcacctgcca	ccacaccagg	ctaattttgt	ttttgtattt	180
ttagtagaga	cggggtttca	ccatgttact	tttaaattgc	tataaatatg	cctttaaaaat	240
tcatagtagt	cttggacagt	atacaaaagt	tgacttagtg	ggggtataaa	tttaaaaaat	300
acgaaaacaa	gggaaacaac	caccatgtcc	aacatgaaag	gagtacctta	gttaatatga	360
tccaccaata	cagtgggaata	ccacgaggtc	atgaaaatat	tagtgaaaga	tatgaatatt	420
tgtgatataa	aattaaataa	aatgtgaaag	acaaaattat	gtgtaaacta	caattgcact	480
atctttacaa	gnnaccat	gaggattaag	acnccgaaga	tccatgcaaa	aaaaaaanta	540
cttgggttaa	tggnngaaac	cgggaatttt	tnntt			575

<210> 6464

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6464

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cagggtgggt	ctaaatccaa	tgacagtgtc	ctcataatga	aagatgtaca	aaggagagac	120
agagaagaaa	aggcagtgtg	accacagaag	cagaaactgg	agcggtagga	agagaaaaag	180
aacagactct	cccctacagc	ctcccaaggt	ggcactaccc	ctactgccat	ctcaatttca	240
gacttctggc	ctcctgaact	gtgcagaata	aatttctcgt	tttatgtcac	caaatttggg	300
gtactttgtt	acagcagcct	aagaaactac	tacatcactg	aaatacaggc	tttattcacc	360
tcctccacgg	aagcagggtg	gagtaaaggc	gaattagcct	ttgaaagtgc	cttgcaaaagc	420
aggaaaatgt	tcaattctgt	gacacaggaa	ctaaaagctg	ttcccgttag	gaagtggcag	480
aatgtacaga	gacaggctac	ttgcttttgc	cacaagttcc	aggnttnact	tgganccttt	540
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<210> 6465

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6465

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ctaatttttt	tatttttttg	tagagacggg	gtttcaccat	gttggccagg	ctggtctcga	180
actcctgac	ttaagngac	cgctgcctc	ggcctcctaa	agtgcctggat	tatagcccac	240
ccaatcctat	ttttttaaaa	tgctgtccat	taatgcattc	tgacttcttg	cttgaaaacc	300
cctggtttag	tggataagca	cctgtaactc	caggaagatt	caggattaag	ggcagaaata	360
atgaagtaaa	ttgaagtatt	agcattagna	ttttccatta	catttttgaa	tccgctattt	420
tgatgtattc	acgacggtta	aaataattta	acatgcttaa	tgatgggatt	aacttgggca	480
attnccattt	naaaatataa	atggaataac	gnatctgant	ctaaggtaga	catgtgttac	540
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<210> 6466

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6466

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cttttctttc	cttttttttt	tttaaagaga	ccattccact	ttattataac	atctggatgc	120
ataaggactc	atgtaaagca	gtcatacncc	attatcatta	aaaccatat	ggnaaaaatac	180
atacacagtc	caacaaaagg	ctaatacata	gtaaagccta	agcatactac	tatgtaatat	240
tataatacat	aacttggaga	cttttagttg	agtactatgt	tatctattca	gttttgaaaa	300
cattcattaa	gatttttaaa	gcaaattcat	tccttatttg	gaataaaaaca	aagtcctcta	360
agttataaca	agtattggtc	ataagttttc	agacctattc	attaaattca	aagaacccaa	420
agaattctgn	gatgtccagt	agaagtatgt	aataaaaaca	ttgcatatgg	ttctaggggg	480
gagggcttta	gcaattgggt	actggagtna	aatgcaacnt	taatctttnn	aaatccagaa	540
ccgaaggggg	tttcttcttt	tggccaattg	ggaaa			575

<210> 6467

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6467

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gtggaaaata	atttaaaaaa	ttaatttagt	aaaatgcctg	gagcagtaag	taacaattat	120
taacaatata	acaatgaagc	tgtctgtact	ttcattttaac	aacacactta	aggcaaatgt	180
tgaattaata	taaaaataat	atgtggtaaa	ctgatacttg	acatgataca	ataaaaattaa	240
ttttcacgtt	gaagacctag	ttatgacaac	atctctacat	gccttctaaa	tacctaatit	300
ctcagttgtg	cagagcatag	ctcactatgg	cctaataaga	tgtcaatcag	aatatccaga	360
atatttctta	atatagagca	atacatttcc	cctaccacat	caggcaaaaat	aatttaatat	420
atttattttc	acaaaaggct	catctaaact	caaactatag	gggttttttaa	aattctagga	480
ctaattctga	tcttaaagat	gctatcattg	gtantctaaa	attcatgcng	gtcttaaaaag	540
ggccaaatgc	ttatccggga	ggtttaccct	aattanccc			579

<210> 6468

<211> 576

000220.69462960

<212> DNA

<213> Homo sapiens

<400> 6468

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agccttgaac	tcctggactc	aaacagtcct	cctgcctcag	cctcccaagt	agctaggact	120
agagacgtgt	gctagcacac	ctggcttata	ttttattttg	tgtagagaca	gggtcttgct	180
atgtggccca	gggtaatctc	aaactccttg	gttcaagtga	tcctcttgcc	tcagcctccc	240
aaagtgtctg	aattacaggc	aaagtctctc	gaattatagg	aggttgggtg	ggcctttcac	300
cacgtaggca	gccccaaagt	ctgcctcgtg	gatcactatc	ttgggatgta	tggttggtatt	360
tcctggatga	aaggagagag	ataagagtat	acaaaaatct	ttcttaaaat	aaaattaatc	420
tgatgtaaa	caaacatgaa	tgagtttcaa	aacgtgaatg	cccaaagtta	ttcataggta	480
atttagactt	aacagggtgg	tttctatcaa	ggggnnttac	catcctaaaa	ttataagttt	540
tcgaattatg	ccnatttga	angtacnttc	ccagcn			576

<210> 6469

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6469

cttcagtata	agcaccttcc	cccatcatta	cctacagcat	tcacacacag	atgtgaaatt	60
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caattttctca	ttctgctgta	tactgccgaa	aaggggtaca	taatgagaag	tgagagcagc	240
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caacttgatg	cctcgttatc	ttctccatct	tcctaaccct	anggcagtaa	atttaaggag	480
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<210> 6470

<211> 497

<212> DNA

<213> Homo sapiens

<400> 6470

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ctgtgttgct	ggggtgagtt	tatacaagga	gaagttggaa	caaatgcagt	gggcacaatg	180
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ctttccaaga	agtcagaggt	cagaaagctg	gtaaccgtcg	tacaaagacc	cgtnttgaca	420
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<211> 510
<212> DNA
<213> Homo sapiens

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caggtgagag gtgacaacgt gctagcagcc ctcgctcact ctcgngcct ctttggcatt 180
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cctctctggg gctggctgag gccggagctg gttccctctg attgcgggga ggtgtggagg 300
gaaaggtgtg ggcaggagcc agggctgtgc gcacacacgg gttctagggtg agcgtgggct 360
cancaagtgc ctgctgggct tgatcagggg atgagctccc tctgggtggc tggagtggcc 420
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tanccatggg gactttgggg acctttntgg 510

<210> 6472
<211> 580
<212> DNA
<213> Homo sapiens

<400> 6472
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gaccctgtcc ctgcatcttc agtcgtctct actgccacat gccctgtcca caccaggatg 180
acccctcccc accccagccc tatgactctg gaaagctctt cagcacacat aacaggatcc 240
agacagaact tggaccttct ctgctggagc aaattggaat tcctgaaatt gattgaaccc 300
tccatacaga gggagctcag tccgcatttc ctcggtttta ggccctgcct caaatagggg 360
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aagggggaagt gtggagggtgc caggaaactat gaacaatgag caaaacatgt cttgccacca 480
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<210> 6473
<211> 604
<212> DNA
<213> Homo sapiens

<400> 6473
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aacaacagtt tttttcaacc ctttcccctt ctttcccct cccagtagtc cccagtgtct 180
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atgtggtatt tggttttctg ttctgtgtt aactcactta ggatactggc cttcagttgc 300
atctatgttg ctgcaaagga catgattttg ttcttcttac ggctgtgtag tattccacgg 360
caacacattc tatcagtaaa atttataata aacgtatgca cacacaaaca cacaccctg 420
ttccacccca caccctctt cacaagttgg ttgttaaaca tttcctagca cactaccaat 480
tccctacatt tgccactatt attggtatta tcattaataa ataaactgna taatggttaa 540

caggttacca agcatttcctt acaacaagcc ttggttaaag gngttantaa cttactttgc 600
tgag 604

<210> 6474
<211> 600
<212> DNA
<213> Homo sapiens

<400> 6474
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acaagcatga gccaaaacac atggctaatt tttgtatitt ttaatagaga cgaggtttta 180
ccatgctgcc caggctggtc tcaaattcct ggccctcaagt gatcctcctg cctcagcctc 240
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cctgtcctga aatatgcctg gaacagagca gtactcaata aatgtctgta gaatgagtaa 360
gtgtcacct gcatcccatg cctgtcttta atcctcacia ggtctgtatt agtatctcag 420
ttggcaaagc aagaaactaa ggcttatctt gtactggcta attatgtgat ttcagtcaca 480
caattaaaga atgacagaga tgatttgtga actcangctg gcttgaccct aaaccctggc 540
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<210> 6475
<211> 577
<212> DNA
<213> Homo sapiens

<400> 6475
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gtgccttggc ggtttgctgt acctattgag tggtcctcta agttccctcc cctcaccctc 120
aacctccaa caggccctgg tgtgagttag tctctctctt gtgttcatgc attctcaatg 180
ttcaactccc acttatgagt gagaacatgt ggggtttggc tttctcttcc tatgtaagtg 240
tgctgagggt gatggcttcc agcttcatcc atgtccctgc aaaagacatg atctcattcc 300
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tgtgccatgg tggtttgctg caccattac cacattttct ttatccagng tatcattgat 480
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gcctggatct ttttngaang attaatatnc cttnggn 577

<210> 6476
<211> 572
<212> DNA
<213> Homo sapiens

<400> 6476
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actaaaaaaa gagaatcaaa tgaagaaatg ctggaaaatt ggaatcactt ccaaattgct 180
ctatttaatt ttaccataag cataatagtg ggtgaagttc agctaaagat aggggcatga 240
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acacaaattg	ggggaaataa	acattggcat	ggaaatgccn	caaaataaaa	tacctatgga	480
atgtaaaatc	acctntggtc	cctgaatatt	gancccaagn	ttttggggaa	agntnaattc	540
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<210> 6477

<211> 598

<212> DNA

<213> Homo sapiens

<400> 6477

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gaatttaatt	ttttaaaagt	ttcagtaact	accttcagtt	accttcagtt	aactacctac	180
ctactcatac	ttttcaacaa	actgggaaaa	aagtcttctc	taaaatcagc	atctacttgg	240
cagatgtatg	tcattcattgt	gtctctcatt	gtttcatcct	taaaaatgtg	taataactttt	300
aattgcagag	gtaataaaag	atattttatt	gaaaaaaata	aagtgattat	ctacttcttt	360
cctgaggcac	acagactttc	agattttatt	tatgcacgaa	agcattttaa	aatgaggtaa	420
tatatatact	ctttcaccta	ctttcacagg	gtttactttt	ctatgtcaaa	acatacaaaag	480
ttagatcatt	accttgnatg	tattgctatt	taaagtatct	tcatttgtag	ataaaataccc	540
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<210> 6478

<211> 354

<212> DNA

<213> Homo sapiens

<400> 6478

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tacaggcacg	cgccaccacg	cccagctaatt	ttttgtattt	ttagtagaga	tgggggtttca	180
ccatgttgac	caggatggtc	tcgatctctt	gaccttggtga	tctgcctgcc	tcancctccc	240
aaaatgttgg	gattacaggc	atgagccacc	gcncctggcc	cactagctct	agnttttatn	300
acacatngnc	acctcanata	ttcataaagg	ttanatgttg	caaaataata	aact	354

<210> 6479

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6479

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tcgcaggcat	gcaccaccac	acccggctaa	ttttgtattt	tcagtagaga	cggagtttct	180
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ccaaagtgcc	gggattacag	gcatgagcca	ctgtgcctgg	ccagggtgaac	tattaaataa	300
tagaaagcac	ctgcaccatc	ttctgtctgc	ttgaattttc	tttacattta	caaaaatatt	360

tttgatataa	gaaaacaaaa	aattttaacac	aatagaaata	tagtcaaacg	atagaattcc	420
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aaatgtttaa	aacttcatat	aggccangtt	tggcagctca	tacttagaat	ctcagaactt	540
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<210> 6480

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6480

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acagcgccga	gcagagagcc	cacctggatg	gccacgccgg	ctgccagcaa	tgccggccgg	180
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agcaccacg	acagcaccac	gaggacgacc	cccgcggagg	tgcccaccag	gggcggggcag	300
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aaaagttttg	accggangca	agnacgccat	tgggcaaacg	ccttggtggc	gggcaacagg	540
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<210> 6481

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6481

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tagctgggac	tacaggcatg	tgccaccacg	ctcagctaata	ttttgtattt	tttagtagag	180
acaaggtttc	accatgttgg	ccaggatgtt	ctcgatttct	tgacttcatg	atctgcctgc	240
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ccaggataat	gctggcttac	aaaacgaagt	tgggaaatgt	gnctctcttt	tggtttttga	540
aaagactttc	ngaatgaggc	attttttcnc	aatgnttgcn	naaaatnt		588

<210> 6482

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6482

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gcattacaac	tattttgaaa	tacttctatc	ccctactcct	ccctccttaa	taaccgaggg	120
gtgccgctgc	gtccaggagg	gtcaagttct	tgcccaggat	cacacagccg	ggaacacaca	180

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cagaccgggt	ctccacaggg	accaagaggc	ctctccctnc	cccttcgccg	cgggagcagg	360
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agaaggaagg	gcttacgcaa	aggcncccag	cgcgccagaa	ganggggtgtc	ttttccgtgc	480
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<210> 6483

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6483

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ttgacatttg	aaaaccattt	tttttagcaac	tatgatagng	ggttctaaac	ttggccttaa	540
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<210> 6484

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6484

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<210> 6485

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6485

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008270 69462960

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<210> 6486

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6486

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gactggggga	gtcctgagat	caggggctgc	acctaaccga	tcattgtggc	tccagcatct	180
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<210> 6487

<211> 618

<212> DNA

<213> Homo sapiens

<400> 6487

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<210> 6488

<211> 617

<212> DNA

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<213> Homo sapiens

<400> 6488

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atttgctgag	aaaacagtga	ggaaagggtg	gctgaaacat	ttggaatgcc	ttatatcaaa	540
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<210> 6489

<211> 617

<212> DNA

<213> Homo sapiens

<400> 6489

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6490

<211> 612

<212> DNA

<213> Homo sapiens

<400> 6490

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ccacgattat	aggcatcagt	gaccaaaatt	taacctggaa	aaggcattca	tggatcagtt	420
catgctcctg	ggcagaattc	aatattgaac	atgattccta	gctattgatt	tggatatctgt	480
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09629469.072300

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<210> 6491
<211> 608
<212> DNA
<213> Homo sapiens

<400> 6491
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ccctggcagc ttancaaagc ccattgncgt ngctgtgtcc agtgcccttg atttgangct 540
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aaagcctg 608

<210> 6492
<211> 553
<212> DNA
<213> Homo sapiens

<400> 6492
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ctggccagag gaaggagatg tgagcccaa attagcattt tgactangcg ccccatgact 480
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aannccgttg ggg 553

<210> 6493
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6493
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gtgtggccca cggagcttga acctggtgaa gacagcaagt aagccacagc tcaagagttc 240

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aggccagaac	accctcctct	ccacaaacgt	gtgcacactt	gcacgctcat	taagcatgtg	420
cacacatcat	attcacacac	tcaagccatg	ctcttgattt	cagggctcta	ttgcangctc	480
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<210> 6494

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6494

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<210> 6495

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6495

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gacatgttcc	acaggccaga	gcgccaaagc	tcccagaagt	ggccctgtcc	ccagctaatt	420
ttcacaactc	ggagtccctt	gcttccaaac	acagccacca	tggcctcaag	tcaaggtctc	480
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<210> 6496

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6496

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aacactttat	aaagtagatt	gtctttttca	acccaaattt	ttgtgaaatg	agactttcaa	180
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aaagtcatga	aatatagcta	tacaaaattgc	cttgtgaaac	atcatcacat	ttctctaaaa	300
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<210> 6497

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6497

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gcagcaattc	accattttct	ttcagttcct	tcacaatatc	caatcctccc	accagctccc	300
ctttcacata	cagctgaggg	tatgttggcc	aatttgagta	agctttttaat	ccttgccgaa	360
cttcttcata	ctccaatata	tcgaatgttt	catattcaac	accagtacta	tttagtattt	420
ccagaatttg	tttgcgtgaat	ccacattttg	cttcctgttt	ggttcctttc	ataaagagca	480
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<210> 6498

<211> 567

<212> DNA

<213> Homo sapiens

<400> 6498

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ataaaagaac	tagctctttg	ctaactgtgc	ataagaaata	atittttccc	cagaaatcag	180
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agaacaaaca	gaaaaccatg	aaaactgggg	tgagaactga	atagaaccat	gctcccaagt	420
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nggtccaaaa	atgtcttaatt	aacccccacnt	tttaaaaacc	tggaaggaca	ttgttccaaa	540
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<210> 6499

<211> 555

<212> DNA

<213> Homo sapiens

09629469.072300

<400> 6499

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ataaacagtt	cagtattgga	ttaaaaatc	ttaaggatgg	ctaattctat	tacctaat	180
aattctatac	ccattattca	agggtttaatg	caaattctgc	ctcatcaatg	aaattttctt	240
attttcctgg	tccaaattga	actcctcttt	ctctaagctt	gtacagactg	tattctgtcc	300
aaataaatta	ccaataaatt	agggtattgct	ttatattact	gattaattca	tccatagata	360
ttattagatt	ttaatcctag	tctctcctac	gagatagtta	agattctttc	acagctccag	420
tccatctccc	atgcaaatta	aattaacaaa	tgcatacagt	atatacatct	gttcacttga	480
aatcttttgg	aggccaagta	gtcaacaaan	ggaaggcata	ttacatagtt	tgactatgca	540
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<210> 6500

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6500

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<210> 6501

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6501

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gagcaatcta	aatgatcaat	aatgcccctt	gaatgtgtca	gtatcaataa	gtctctgatt	360
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tatgaaggcc	caatacctac	aataacctag	taacagcaga	tccaatgttc	acagaaaaac	480
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<210> 6502

<211> 412
<212> DNA
<213> Homo sapiens

<400> 6502
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<210> 6503
<211> 562
<212> DNA
<213> Homo sapiens

<400> 6503
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cgggatactt aaatgttcag ccttttttaga tgtgcaagag gactcctatg agacactttt 240
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<210> 6504
<211> 552
<212> DNA
<213> Homo sapiens

<400> 6504
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<210> 6505

008270" 69462960

<211> 558
<212> DNA
<213> Homo sapiens

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<210> 6506
<211> 562
<212> DNA
<213> Homo sapiens

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<210> 6507
<211> 562
<212> DNA
<213> Homo sapiens

<400> 6507
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562

<210> 6508

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6508

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<211> 553

<212> DNA

<213> Homo sapiens

<400> 6509

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<210> 6510

<211> 496

<212> DNA

<213> Homo sapiens

<400> 6510

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cccaggagaa	tgagggtgcc	ctggctgggc	tgccctcact	ccaaccgcga	gacctgcgga	180
gcatccaggg	ggccgatact	cagggtgggc	acccttggcc	ccctgcccag	ggctccctca	240
ggcaggctgc	ggccagcccc	tgccgcagga	ccacatcctg	tccattccc	ctctccagca	300
ctaccacta	tgattaagct	ctcaaaccga	gtacaccatg	gtgtgtccac	gggtgagtct	360

acaggagggc	agatganggc	agggctgtct	ggctaaccaa	gtgtcactta	gggaacacct	420
gtcggatgga	ngcgttaggt	gtcagatgct	gagcccatcg	ntggtcnaac	tgngcaaggt	480
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<210> 6511

<211> 542

<212> DNA

<213> Homo sapiens

<400> 6511

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tcttttcctg	acctaattaa	tcctttaaga	tattaggtcc	cctaaagtcc	aaaaatgaca	180
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ttattgngtg	ccacagaggt	acacatttgt	caattgggtc	ttggattatg	gctgncctaa	420
aattttggca	tccatggaca	atgggtggctt	ggttgggcct	tttanggggt	ctatatcact	480
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gg						542

<210> 6512

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6512

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tacaggcatg	taccaccatg	cctggctaata	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
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ccatgttagc	caggctgggtc	tggaactcct	tacctcaggt	gatctgcccc	ccttcggcct	300
cccaaagtgc	taaaattaca	ggggtgagcc	actgtgccca	gccggattat	catttcaaata	360
gctcatttcc	agatggaact	atgttaattt	ggcatgtcaa	caaacaagac	cataagtaga	420
tccatcatgt	tggaggattt	taatgacatt	taggatattc	ttgccacaat	aacatgcann	480
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<210> 6513

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6513

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gtctggcttt	tccttccctc	aagattgtct	ggttgaggcc	ttggtttccc	ttgaaggctt	180
ggggcctggg	taagtgtttt	ctggggccca	agcagggacc	ctgggcttgg	gccggctcct	240
gcctctccct	cttctctccc	taacaaacac	ttctctatcc	tggggggtga	gtacagtaca	300

cttggcgggg	tgggcggggg	gtgtgctggg	gactgggagg	cgggtgaagc	cggtgctaga	360
cactataatc	taacaggaaa	taaaaaataa	tattctgcac	gtcagaatgt	ttttttttta	420
taattcatag	ctatttttca	cagtttttaa	aagttatata	tatattnaaa	tatattaacc	480
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<210> 6514

<211> 500

<212> DNA

<213> Homo sapiens

<400> 6514

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tgagttgccg	gcctcagctg	ggggcctggg	ggaggccctt	cttcagcaga	gatgtgagga	300
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cctcanaagg	ggcggcggcc	tgganganga	cggacttcac	agtcacagaa	ccgtctggga	420
ngtgcttgca	cacaatgggc	ctttaggacg	ctcttgangn	ggcttgtana	accncaatg	480
gccgnttctg	nttccttgcg					500

<210> 6515

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6515

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actaatgata	gaaaataact	aatgaaaaa	aatcagagac	tggtttccaa	ttgattgaca	180
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aaatatttca	tcttatttta	tgggtgcatga	cttcagtgaa	actccctttg	caatgcaata	480
aatttttaaac	accaaccttt	attcttaacg	gttttagcca	ccgnttttgn	gagagaaaac	540
tccttccaac	a					551

<210> 6516

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6516

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acaggcgccc	gccaccacgc	caggctaatt	ttttgtattt	ttagtagaga	cagggttca	180

tcatattagc	caggatgggc	togatctcct	gacattgtga	tctgcccggc	tggcctccc	240
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agctctgtaa	tgaagtactc	ttgggtcaagt	agatacagca	ggatccaaaa	ccagttaaat	360
cactaactgt	gaacatttga	gcaaattatt	taccctctct	cggcctcagc	tttcacatct	420
ataaaatgag	agcacaaaatt	attcacagct	tttgaaaagt	tactgntgag	aatattacng	480
tgnatttgtg	aaccagctgc	ttatgccaaa	agcctggcac	aatagtaggn	ccntaaacaa	540
nggttggg						548

<210> 6517

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6517

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caccaggctt	gaaggtaaat	ttaatggggg	agtgggtacc	tccatgccat	tcaccttaaa	180
accagtggaa	gtgacttctc	aatcccttgt	ttggaatcat	ccatgctagc	ctgtgcctct	240
tctggtaggg	atatttgaga	atttcaaaac	taaaagggtg	tcctagactt	tcttcacccc	300
caaaaaagta	cccaacaagg	ttagaaaaat	acaagcaaag	tcagtataat	aaatacaaga	360
tgtgtccctt	gggattcaac	caacacacat	tgtttcctag	ccaaaggcag	agggtgagcc	420
accacctgga	tgcttcgtct	gnttactcag	accctgctgn	ttctttcacc	ttgtggcttg	480
gatcccttca	tggccaatta	cccaatttgg	gnacttaagg	caanttatgc	nntggatcaa	540
aancTTTTTT						550

<210> 6518

<211> 523

<212> DNA

<213> Homo sapiens

<400> 6518

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acactttgtc	agacaaatat	ctaaagtttt	attatgtaac	ttgcagattt	tcaggacgag	180
tgaaggagga	aaatggcaga	agagttcagg	aaagacaaaa	atgcaagact	gngtctaagt	240
ttatgcctct	cttgagtttg	atgatccaat	tttaatttaa	tcatttgagt	atctcttagg	300
gattcttcct	ccacagtggg	ggaaagtggg	ctctactgaa	ttcatttgga	caccgccttt	360
aaggagaaa	aaactttgac	aatagacgct	ttttcaacaa	ctactggcaa	tggtttgaaa	420
ggtgtcattt	ggttcagcta	gataccaagg	ctgaanagtg	ccttctttnc	aatgatccat	480
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<210> 6519

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6519

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009240" 09462960

ccatattcat	aacaaaagtt	attcataaaa	tgtatctaaa	aataacattt	tttttccttt	120
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gggccccaac	acaaccctc	attaggaata	gggaccagac	agtctgtcgg	actctggggc	300
tgggacgaat	ctctgggtta	tgatatagtg	ttccacttaa	gtgaggtcat	gacataatgg	360
gggaaggaaa	aaggctgaaa	gaaaaggag	gggcttaggg	aaaaacccaa	aaaccaaaca	420
atcccccttc	ccttattcct	gactnccaag	tctnaccaac	cagacctggg	aacgganaaa	480
ggtgtgtgtt	cctggggaag	gggaccttta	ggnacagnan	ttctgactta	ctggntaccc	540
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<210> 6520

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6520

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aaacatacat	tttcccaatc	atgcttttaa	acggcatctt	ttaaaaaaac	aagttatata	300
tacagatatc	accccaaaat	gaatctttta	cagtctacta	ctataaaattt	aaggcatcct	360
gatattctgt	tcttctgctg	gtgaggcatt	ggtttcatgg	ntctctttcc	aaagangata	420
gtccagaaat	ttncataaat	ttncaaaang	gatcagtgag	aggaaattta	aaaaggggat	480
taccaggaag	aagtcttttg	gcttttgctta	acaatgggcc	ttaagcctgn	aggattcttc	540
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<210> 6521

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6521

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
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<210> 6522

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6522

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agattttcttc	agttagaaac	aaaaactcaa	aacacacgca	atcctaaaga	actcatctat	180
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cttcttgccct	tttcagcaga	tgagtcaagg	ttgcagaggt	ggcagtcaac	catagagtca	300
cagagtttga	ttttcttcca	tccatcaggt	cgtagaagct	gccactgagc	ctgacaagag	360
ttggtactca	aaaatgcaga	atgaattagt	ttgaatgagg	tgattaagga	ttaatgagta	420
gtggttaagg	aaacaaagac	cattagtggg	tgggggaaat	attgctggat	tactgggtga	480
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<210> 6523

<211> 523

<212> DNA

<213> Homo sapiens

<400> 6523

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attctgaata	agacaaggga	ctgccattca	cttaaagcaa	aatggctcca	attccgttta	180
tctatctatc	tatctatcta	tctatctatc	catctatcta	tctatctatc	tataagtctc	240
gctctgtcac	ccaggctgga	gtatctatct	atttattttat	gagataagtc	tcgctctgtc	300
acccaggctg	gagtgcggtg	gtgcaatctc	ggctcactgc	aacctctgcc	tcccacgctc	360
aagcgatgct	cctgtcccag	cctaccgagg	agctgggatc	acaggcatgc	accatcacac	420
ctggccaatt	tttggatttt	taggagaaaa	nggggttcac	catggtggnc	aagctnggct	480
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<210> 6524

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6524

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gcgctccagc	aaatgaacat	aaaaacaaca	atgtcagcag	cattaaagtg	cttttggcca	180
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gctgcagctt	ctcgttgga	tgctccacaa	actggcgctt	gaaggccctc	tccttggcct	360
tggtggtcca	ggtcagacgc	tcatagacgt	agaggaggcc	atagagccca	aaggagaggg	420
caatgagccc	gncagcccac	tggctttcac	accacttctt	caacaacaag	aatgnccatg	480
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<210> 6525

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6525

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<210> 6526

<211> 470

<212> DNA

<213> Homo sapiens

<400> 6526

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aattggcctc	attaacatat	ttacagactt	ttacttaata	catacgctt	tggaaattaa	180
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tgcttctgtt	gagtaagtgt	ccttatgctt	tcttttctct	ttgctctgan	cttcctgnag	420
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<210> 6527

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6527

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tatttctaag	aaagagaaat	ttctattttc	atttggccta	atatcttaac	agcaggcagt	180
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<210> 6528

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6528

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gcttaanant	ttggtgna					558

<210> 6529

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6529

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<210> 6530

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6530

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tctgcaggct	tccatcagct	tatgctatca	caccctattt	aaaattaata	cagcaatagc	420
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<210> 6531

<211> 563
<212> DNA
<213> Homo sapiens

<400> 6531

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catgcaatca	ctagataaaa	aactacctag	atttgtgtat	ctgactccaa	aattgggctg	180
gaattgttag	tagacaaatt	ttcttctggc	aaacaaacaa	aaatgcaaca	aaacttcaag	240
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gaataccaat	aagatgacag	acatcaaaat	caaactttgc	agcaataaac	aaattttcat	360
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aagtaggatg	ttagtctcaa	aatccaagaa	gttaaattat	taattcaaat	tcaatcttat	480
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<210> 6532
<211> 553
<212> DNA
<213> Homo sapiens

<400> 6532

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aagaaggcca	tcaccatttg	gaagaagtta	aaatatatta	tataaaatta	aactaattta	180
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tccctgggta	agttgagatc	cttctagaaa	acattttgcc	tccatgttgt	gttaaactag	360
ggacaccatt	gaaaagacta	agtcaaattt	ccaaagaaaa	atgtcacatg	tctatcctgt	420
tgaggcacat	aggctagggt	gaagtgttaag	gtaatgataa	angcatnang	caaaattgta	480
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aatatggggc	tcn					553

<210> 6533
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6533

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cacaaagaan	aactgaacct	caggtaagct	nttaaaanga	aaccaacaac	tngnggggta	480
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549

<211> 551

<212> DNA

<213> Homo sapiens

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attgtaacat	atacctcatc	tcttctcaaa	aagacaggaa	gtctacttcg	tctagtgtta	180
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aagcaacctt	tgatggttaa	gnccaagtcc	atcctttata	gtccatttta	accttantag	480
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<211> 557

<212> DNA

◁213▷ Homo sapiens

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<211> 566

<212> DNA

◁213▷ Homo sapiens

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aatgtaaaaa	tatttttctt	ctttatatat	ttccctgcc	tgataatgtt	aaaacatatc	300
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cttcacatag	ccaacacatt	ttttcaaggc	actctagcta	ctacaggaaa	aatgtcctct	420
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tttaaattaa	gttttcatgg	naccagtctt	caagtaattt	tctttatgng	gagccctcct	540
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<210> 6537
 <211> 539
 <212> DNA
 <213> Homo sapiens

<400> 6537						
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aaagcagctg	cctttcaatt	gtccaccagg	tgacatgaat	tcccaagttt	gtactaaagc	180
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ccatcaagag	caaggatcat	gaagactagc	atcagctact	tagtggccag	cagcctcagc	300
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gagcagaaat	acacagacaa	gtagaataaa	agcagaatat	cctgctaagt	ggctaatagaa	420
cattggccac	aggtggacac	catctcaaag	actnttccaa	gagagcaagc	ttncanatgt	480
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<210> 6538
 <211> 579
 <212> DNA
 <213> Homo sapiens

<400> 6538						
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gactttcggt	gtcgaatggg	aaaactggct	agccatattg	agaaaactga	aactggaccc	240
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taaaaccata	aaaaccctag	aagaaaacct	aggcaatacc	atttaggaca	taggcatggg	360
caaagactgc	atgagtaaaa	gcaatgcgaa	caaaagccaa	aattgacaaa	tagggcctaa	420
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acaggaatgg	ggagaaaatt	tttgcattta	tncattttga	caaanggggt	aatatcccag	540
aattctggca	ngggactttt	accaaattta	ccaggaaaa			579

<210> 6539
 <211> 561
 <212> DNA
 <213> Homo sapiens

<400> 6539						
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attatacagg	catacgccac	cacgcccagc	taattttgca	tttttactag	agacgggggt	180
tcaccatgtt	ggccaggctg	gaactcctga	cctcagggtg	tccacctgcc	tcagcctcct	240

aaagtgcctgg	gattaccggc	atgagccacc	acgcctggcc	gaccctcatt	tttaataaac	300
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atattataac	agaaggaaga	agcaaaaata	aaaatccagc	cctactcttc	atgcncagat	420
gaccggaaag	gagatcattg	gatactangg	ataacattgg	gtttctttct	tgggaagtat	480
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<210> 6540

<211> 515

<212> DNA

<213> Homo sapiens

<400> 6540

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acctgcaaaa	ctgtttatag	atattatttg	aggcctagtt	tgtttagttt	ctacactgtg	180
taacaatatt	accacaaatc	tgggtgtgta	agaacaagac	acatttatta	tctcacaggt	240
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agactgcaat	caaggtgtta	gccagagcta	aggtctcaac	tagggctcca	ctgaaccagg	360
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anggatctgg	ttctgctgac	tactggctnn	aaggccccct	taagttcttg	cctganggcc	480
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<210> 6541

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6541

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tcatatttcc	ttgcttcttt	gcatacctga	tcattcttaa	cagctttatt	gatgtataac	180
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cacatgtaac	tgtcaataca	cttttagaat	ataccaaca	ctcccaaagg	tttcttgatg	300
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catggttgct	ttcaattttg	tagaagaagt	ccaaggcnga	ctagcctcag	actaattggg	540
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<210> 6542

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6542

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attacaggcc	cctgcctcca	tgcccagcta	gtttttgtat	ttttaataga	gacaggattt	180
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ccanaaaaaac	aattttcnaa	agcctatcct	aaggtaatct	gaactcaaca	ctgggttaact	540
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<210> 6543

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6543

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ctacagggtg	gtgccaccat	gcccagctaa	tttttgtatt	ttcagtagag	acagggtttc	180
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atattcataa	ggtttgtgcaa	ccatcaccat	tctctaattc	cagaacattg	nattcaagcc	420
ccaaaagaaa	ccctgtccaa	taaccattca	cttctgnntt	tccttccctt	agcccctggc	480
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<210> 6544

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6544

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gccttccaaa	gtgttgggat	tacagggtgtg	agccaccaca	cctggcctat	tcttgcaatt	300
ctggaagatt	tagggggctg	gcaggagaca	agactgagat	tgtttagggc	atcctgttgc	360
tgacacaatc	ctggcactta	agcgggaatg	cagtggccta	agtgtagggc	aacatatctc	420
tcataccatt	tacaaaaaca	aaacanaaaa	cacttctggg	gtgaatgtct	gggcattctt	480
aataagcatc	ttaataatcn	ggtttggcct	tttcctaaaa	aaatgctttt	cctcaaaaaa	540
aaaaagtcgg						550

<210> 6545

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6545

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ttttgggatg	ctgaaaaact	ttactctggc	taacatctaa	gccttctctc	aaggagtgac	480
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<210> 6546

<211> 427

<212> DNA

<213> Homo sapiens

<400> 6546

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tatnccaata	aagccatttn	taaaaaaaaa	antcggcngg	gacaattact	aaaagtgagg	420
ngtcttg						427

<210> 6547

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6547

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<210> 6548

<211> 454

<212> DNA

<213> Homo sapiens

0962469.07800

<400> 6548

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aggattacag	gcacgcacca	cgacacccag	ctaatttttt	tatcttcttg	tanagacagg	180
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ccagcagttt	gggaggccna	ggtggcanat	cacctgnggt	caggagttca	agaccagcct	420
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<210> 6549

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6549

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<210> 6550

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6550

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<210> 6551

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6551

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gactttatat	gcgaaaagta	gcattaaatc	taatcttctt	tccttttagag	cccttctatg	480
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<210> 6552

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6552

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gcttcccaaa	gtgctgggat	tacaggcgtg	agccaccatg	cctggccaat	gttatttttc	300
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aaagcaatcc	tgagcaaaaa	cgacaaaagct	ggaggtatca	cactacctga	cttagaaata	420
tattaaaagg	ctatagaaac	ccaaaacagc	atggnattgg	tataaaaact	aacacattga	480
tcaatgggac	caaatngata	atccaaaaat	taatccncat	attacagcca	ctgattttga	540
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<210> 6553

<211> 410

<212> DNA

<213> Homo sapiens

<400> 6553

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aactcaattc	aattatctta	aacaagaaag	ggactttatt	ggctcacaaa	acttttaa	180
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cacatggcac	aaattcaggc	ttacatggtc	cttggttcct	gggatctcca	taaagccttc	360
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<210> 6554

<211> 543

<212> DNA

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<213> Homo sapiens

<400> 6554

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taaacataac	ccataaatgt	taataaaaaa	taaatgatta	tttgggtaaa	cataaaacaa	420
aacacaaata	caaaacctaa	aaagagggag	actatgtgat	atggntggct	gngcttccac	480
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<210> 6555

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6555

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<210> 6556

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6556

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<210> 6557
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6557
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<210> 6558
<211> 530
<212> DNA
<213> Homo sapiens

<400> 6558
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ctgccatgga tgcagggttt ttctgnaaaa tcctaaaatc tgggagaatc ttctattaaa 480
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<210> 6559
<211> 529
<212> DNA
<213> Homo sapiens

<400> 6559
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<210> 6560
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6560
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ttcaaaaagg attattaaat ttattttctca aaggttatta ttaaatttgg tcctcaaact 480
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gtannnccaa 550

<210> 6561
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6561
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ctgagagcct ttatttctcg gctctgnttg cnaagctttg tcaaacccaa natgctntgc 540
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<210> 6562
<211> 526
<212> DNA
<213> Homo sapiens

<400> 6562
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tggttgacc ttctttcctt tggagcaatc ttctgtgtg gggaggaaga aactggcaaa 180
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<210> 6563
 <211> 531
 <212> DNA
 <213> Homo sapiens

<400> 6563	
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cctgggcttc	agggggccac tttgggtggcc aagatggcat ccaggacacc cccaagtgc 180
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cggcacagga	cgtacagntt caacgcttgg gaaggggggtc cctgaaaaaa gtcacctgct 480
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<210> 6564
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 6564	
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aggggttaat	ttagaagaaa atacagtata taataatctc aacatcatgt ttagggtaaa 180
aatgctataa	tgtgaaaaaa gtccctaaga actggacaga acctacctaa caacaccatt 240
taccgtgtat	gttttcaata gacaaaacat attttgtacc aaattccaac agtggttaatt 300
ctatagtgtg	ggccctttta aaaatggcag cattgtactt gaatcagaaa gcttactggg 360
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<210> 6565
 <211> 552
 <212> DNA
 <213> Homo sapiens

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gaaacaantt gc

552

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<212> DNA

<213> Homo sapiens

<400> 6566

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tgtcccggac	aggcactttg	gggnctngnc	ctggctggnc	ccagnaccng	gatgagacct	540
gaaa						544

<210> 6567

<211> 515

<212> DNA

<213> Homo sapiens

<400> 6567

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aatctgggng	ngnatatgga	tatttaaaac	cagcngaact	tgncctttgca	aaatttgaaa	480
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<210> 6568

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6568

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<210> 6569

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6569

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<210> 6570

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6570

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<210> 6571

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6571

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agctctgacc	cgtagcggct	gtggcacttg	gggcatatga	agcatcactt	ttgacttccc	180
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<210> 6572
<211> 538
<212> DNA
<213> Homo sapiens

<210> 6573
<211> 541
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<210> 6574
<211> 545
<212> DNA
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<210> 6575

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6575

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acaacacggg	gaaacatgaa	acccacacct	tactaaaaat	acaaaaatta	gccagatgtg	180
gtggcgggca	cctgtaatcc	cagctacttg	tgaggctgag	gcaggagaat	ctcttgaacc	240
cgggaggcgg	aggttgcagt	gagccaagat	cgcgccatcg	cactccagcc	tgggtgacag	300
agcaagactg	tctcaaaaaa	aaaaaaaaaa	aaaaaaacca	aaaacaaaaa	aacattccac	360
tggctcatga	caaacgaaga	ttcccagtga	gcccttccag	aaccacagac	tccgcaggac	420
agggtttctt	tttgtgaggg	gctgtcctgc	gcactgtggg	atgttcaaca	gcaccctgcc	480
agtacacaag	ccccaggtnt	gacaacccga	aatgtctcnc	agaaatcgcc	aatnaancc	540
tgggtgggna						550

<210> 6576

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6576

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gggtgggaag	ggaaacaaga	gtcaaattgt	gtaaggtttg	taggccacat	aatgacttta	180
cattttatac	tggtatgaga	atgggaagct	gggtttggag	caagggtgga	acttggatatg	240
atttatattt	ttatcagatc	actctggctg	tgctgtagag	aactgattgt	aggagaccaa	300
tagtgaaagg	aggagacta	gtttagaggc	ttattacagt	tagcaggtag	aggttgcagt	360
ggcttggctt	agactattaa	atantggaag	tagaagaaaa	ggtcacattt	aggacatttt	420
agaagtacag	ctgacaggac	ttcttgatga	actaggtgta	aagtatgang	gaaagagaag	480
tccagaatga	ctncaagngg	ctggctgtac	tgtggaangg	agatgaatat	tntagcccct	540
tgaa						544

<210> 6577

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6577

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tgcagccagc	tttccaattt	accctattta	cccttagggg	atgaaagtct	gagttactcc	180
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tcttatgttt	actgattatt	taggtatcct	ctattgtgaa	tgtctgttca	agtctttctc	360
ccattttcct	actgggaaat	ctgatttttt	ggtttttttg	gtttttttga	gacggcgtct	420
tgctctgnca	ctcantcagg	ctggagtgca	atgggccgat	ctcggntcgg	tgcaactctg	480
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<210> 6578

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6578

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taacacattt	actacagcac	aggaaccaat	gaaggtagag	tgtacaaaaa	actgtaaaca	180
cggcacaata	aatagataaa	acagcagggt	ccgcaccatg	cacatgatgt	gatgacactt	240
catctgctgt	attcttaatt	tacagatgtt	gatttttttt	cctattaaca	gtaagaaaaa	300
aaaaattgaa	gcatgagaga	tgagcattgc	tgtcaagtcc	ccacagctgc	cacagaaaac	360
catgtgctgc	tttccatcat	cccttgnatt	caaaatgcta	ctgatgcata	gcacctaatc	420
aaggtcccca	ggcttnagtt	tcaactcgga	ggaagctncc	gtaccttcat	tggttctggg	480
gtggctggta	ttgtgggtcaa	tgcttgnatt	tctggatcaa	ggatttncct	tggactggat	540
ttccnaggat	gaaaatgggc	ctt				563

<210> 6579

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6579

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ttctggctca	ttctttgctt	cctcatcatc	agattcaact	tgggcaaaca	tggttttggg	180
ctgagtcttg	gaatatgctg	ganaaaacca	atatgggctg	tcttctgctg	ctttggcatg	240
acncaaaang	gnttcccag	gattactgtc	atcggctctg	tccaaagcaa	tgttcttcac	300
aatataggaa	gagagagtgc	ccccgtgggt	tccaactcgg	ccaccacgac	ctgggcctgc	360
tacaggaggt	tcaggtttat	gcgacttcag	gggaaccag	tctgnccttn	ttcagctggg	420
tccttggact	ccgttggcng	gggcttacgg	acatagcaag	gcttgagggt	gangaatgaa	480
nccctggagt	taaagcctaa	cttggtttgg	ccttccgtng	gttttaacn	cccataaatt	540
tggctcccct	ttggacttt					559

<210> 6580

<211> 491

<212> DNA

<213> Homo sapiens

<400> 6580

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caccattaca	tatgtctata	atacttgaaa	tgagtatggc	aaaaccagca	ctgcacaaag	120
atgagtccac	ttcaagtccc	atgagaaaaga	gcatgtctct	aaagaaaaac	aaacaaaacc	180
aaagcaaaat	aaaaagagag	gcctaaaggc	cttggtgccc	cattgtgttg	gaattcatca	240
tattccatct	tgactttttt	gcttccagtc	agccagcaga	ctaaattttt	gtgcttgttt	300
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tggtggatgc	aaaagatgaa	aatcctctta	acttccaagt	cttggnctga	ctnccctncca	420
ntnccccacc	cttatcaaaa	tcaggatcnc	caattaaaaa	aaaaaaattn	gaaattggga	480
aaaggggaaa	a					491

<210> 6581

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6581

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cactgcagcc	ttgaactcct	gggctcaatg	gatcctccca	ccttaggcct	gcaagtagct	120
aggactacag	gcatgtggca	tcacacctgg	ctaatttttt	tttaatttta	tttttgtaga	180
gacaggctct	tgttatgttg	tccaggctct	ctcacttttt	ctcttttttt	ttccccccac	240
cccgagatgg	agtctctctc	tgtctccaag	gctggagtgc	agtggcacga	tcctgagatc	300
ctggcttact	gcaatctctg	cctccagggc	tcaagtgatc	ctcccacctt	ggcctcctga	360
atagctgata	cagggtgcagc	gggtgccacc	acgcctggct	aattttttgn	attttttgta	420
gagatgggat	ttcgccatgt	tgatccacct	gcctcagctt	ccaaagtgct	aggattacaa	480
gcataagcca	cacaccctgn	ctctttcatg	gatcttctaa	ntacccttaa	cagtnccaat	540
nttaaagagg	gttttttg					558

<210> 6582

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6582

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agttttgctt	tctccagcta	gtactgaaaa	tttataaaca	tcttattaag	gcacttaagt	120
tactttaagt	tccttaataa	gatagttttg	tacaattatt	tttgtagcct	ctccaaaagt	180
gacaagtcac	tgacatgtaa	aaaagtagtt	aatatacgct	ctccagagtc	atacgcatga	240
gattctctta	agatccgttt	gttctgcata	atattaaaaa	ttacgtatca	aatccagaaa	300
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aatctgagca	ggacataaaa	aatacaatga	aaagttaaat	aaggctctat	taatgattaa	420
aagggtncat	agtcccagta	tgaattctaa	gttggtaaat	ctggccactt	tanggaaggg	480
aaatagttcc	taaaaaccca	accnttaac	cgaccagggc	caggttttca	aacccaaatg	540
ctacttcata	ccatttaagg	atctcaatat	cc			572

<210> 6583

<211> 523
<212> DNA
<213> Homo sapiens

<400> 6583
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ctgcaacctc cgccctccaa gttcaatcga ttcttctgct tcagcctccc aagtagctgg 120
gattacaggc atgcgccacc acacctggct aatttttgta tttttagtag agatggggtt 180
tcacatgtt ggctaggctg gtctcgaact tctgacctca agtgatccag ctgccttggg 240
ctccaaagtg ctgggattac aggtgtcagc caccacaccc agcccatcc atactttcta 300
acagaacctg ngttttattg aaagtatctc ttctcatcaa catccacacc tcgaaaacct 360
ggctgntggc tgggataaan tttataaggg taggctcaag cttcttgaaa ggaactgggt 420
taaagggcat gaaggcactt ntggngaag aaccagaaa anggattana agacctnggn 480
aaaggtttcc atactcctta cagaacttga ccngaccgag aac 523

<210> 6584
<211> 480
<212> DNA
<213> Homo sapiens

<400> 6584
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gagtgcctggg attacaggca tgggccactg cacctagcct ntagcaagtc atttaatcac 120
tctgtacatc agtttccotta tccataaaat ggggaataata atatctcata gaggttgttt 180
gaggatttaa ataaaaatat ttaataacta taaatatcat tgtccagaca caatgncatt 240
tagcttttct cctatgtttt cttccagtag tttacagtt tcaggtctta tgctgaagat 300
gttaatccaa tttgatttga tttttaggt ggtgtgaggg taagggttcg atttccctct 360
tttgcatatg gatatccaat tttccaaaaca ccatttattg aagacactgg cctttcctac 420
nggatattct ngaaccattg gtggaanac aattgncnc agtgcattggg tctcttngg 480

<210> 6585
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6585
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aataatttta taaaagagtc catcaagata ttatatagaa aatgcacact aaggtaatat 120
atatacactt cataaaaata gaatacatct tggcaattgc ttagagtcta ttaccacat 180
gtacagtgtg ttgacgtgta atatttatgt taatttgaac acatgagatt tttaaaaaac 240
caaacctgtc ccactgggtat ctttaaaaat tgctttcatt gacaggaaaa taaacaaaat 300
tctggaaccg taaaagttaa gaagctaact ggatgaaagt ttatattaaa atttttaaag 360
ttccatgccg tgtacaactg acgtgagggc aaagcagtct tttttattat tattatcata 420
agnggtcagc tgatctcaca aaatcactga aaataatatc ctggtctgaa ngtccaatca 480
ngataagccc cattngggat caaacaagcc ttttagnact ggnccatatt tggaaaanga 540
gggggggtttc tcttnaaaag 560

<210> 6586

<211> 509
<212> DNA
<213> Homo sapiens

<400> 6586
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aatacatgtg gtcttatctt tggccaaaat gttgtcatgc agtataccat tttagataca 180
tcaagaatct tttgcctggg tgtgtggctc atgcctgtta cccagcact ttgggaggcc 240
gaggtgggtg gatcacctga ggtaaggagt tcaagatcag cctggccaac atggtgaaaa 300
cctacctcta ctaataatac aaaaaattag ccagatgtga tggctcatgc ctgtaatctc 360
agctactcgg aaggctgagg cacaagaatc gctgaacca ggaggtggag gttgcantaa 420
gccaagatca caccacttgg actccaatct ggggcaacag aancgagact ccgnntaaaa 480
aaaggaaaaa acntntgcc aacttntaaa 509

<210> 6587
<211> 575
<212> DNA
<213> Homo sapiens

<400> 6587
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cttccaatgt ggcccaggga agccaaaaga ttggatagca ctgccctaga ctatcagcca 120
cgccgctctg gctctcactt cccacttccc cagggccttg ctcaatattt ttttaaaagt 180
atggtataaa tgaataactg atctcttgtt ctgtctgctt taatcatgtg actgagtgc 240
aaaaaacaat taccacttta aaaacacaga gatgcaagt aatcctttgc cataacaatg 300
agccactctt ttatcaatac cctgttgtgc caaacaggta gagaggtttt aaaaaagagt 360
caagtatccc aactcatatt aaatttcccc atattctcca tattttaaaa gcaactgggtt 420
aancatgggt gatgcccttt aagaattccg naccaaaagg attttcaaat tccaatggca 480
tggactttca tcggttaatt tnaatgggcc aatnttaaag gtcacattaa cccgacaaag 540
cattttaact tctganttgc anggnccgtt gggtt 575

<210> 6588
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6588
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atcctccac cttgtgtttt taacgggttt ggcacatgca tcccggtgca ctgtaagagc 120
ctagcaaata gaaagtgtta ctggaatcat ttagtgtgaa atcttacagc acccactcta 180
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tccagaacaa tgccctggcac atgtagacgt ttaataaata cttgcataca tgaatgaatc 300
ctctatgttg cagattttta aacaccgcan gaaagacagc tcagactcct ccccgaccca 360
gcagaaagt ttacctttcan ggtagctaca gcctnttcca cttgaccang aaggaaagcc 420
ccgctttcac gtcttttaaa agtaacccaa tgggcttggc ttgccngnga agtccttntt 480
aaggctttta caaanccttc aacttgcttg nggaaccang gccccagcc cataagcttg 540
acaccaaggc cttacaaagg aaaaggang gcccattncc t 581

<210> 6589
<211> 394
<212> DNA
<213> Homo sapiens

<400> 6589
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gcctcgtgcc accatctgga gatgcagaga ggccgggagac ccatgtggcc tttagggggc 120
tttcaggctc gtggggggttc aggcacagac accaccaatc tgaaccaggg gactgcagga 180
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gggggtaagg agagaactcc tgaaaggtaa ggagaagccg agggctaagt tacatttcga 300
gtggatggga aggggtgtgg actgactggg ctccactca ctattgggga ctgngtatgc 360
tgccctggcc ttanagnct cananncagn taca 394

<210> 6590
<211> 559
<212> DNA
<213> Homo sapiens

<400> 6590
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caacctccgc ctccctgggt taagcgattc tcatgcctca gcttctggag tagctgggat 120
tacaggcacc caccagcacg cccagctact ttttgtattt ttagtacaga tggngtttca 180
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cgaaagtgcg tgagccactg cgcccagcca ccaacacttc ttccaatcat ctaccacaaa 300
tcctaattgct cattaaattg gaaggacgga gagaataaag ttcatcccca gccttctaga 360
acagagttcc aaattgctgg cctagggcca aatgtaaccc acagatatgc ttgnctgcc 420
tacactggtt tagaagattt tgagttcatg accgattttt aaaattggga acatttaaca 480
taaaaatnca tatggttnaa gtttaccaaa actcanagga ttggcccaag tggncaccag 540
ggactggact naaaaatgg 559

<210> 6591
<211> 565
<212> DNA
<213> Homo sapiens

<400> 6591
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ccgctttggc ctcccaaagt gccaggatta caggcatgag tccctgtgcc cagcctgata 120
tggtttggat ttgtgttctt gcccgaatct catgttgaat tataaccccc aatgttggag 180
gacaggcctg gtgggaagtg attggatcgt gggggcaaac ttcccccttg ctgttcttgt 240
gatggtgagt tctcatgaga tctggttgtt taaaagtgtg tagcacctcc ccttctctc 300
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tgtaagtttc ctgaggcctc tgcaaccatg cttcctatat gacctgaaga tccatcagcc 420
aattaagcct attttcttta tgaattaccc agcttangta gntctttatn ccgaaaagag 480
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gaaggcaang ggaancangg cccct 565

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<210> 6592
<211> 575
<212> DNA
<213> Homo sapiens

<400> 6592
ggatttttag tagagacggg gcctctccat gttggccagg ctggtcttga atgcccgacc 60
ccaggtgatc cgcccacctc ggccctccaa agtgctggga ccacaggcgt gggccactgc 120
gcctggcgtc attatcattt taacattgct gctgtatttt cccttgtagg gacaaataat 180
atgactattt tccacctcct tgctccaaat catcagcata aatagcaaac tattcaagga 240
ggacagactt ggcaaggaaa attccaggct agctattatg gcctgacagg ttcacatcc 300
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aatttctncc tggttttggg tgacatgggc ttacatgaac cccaaggagc cacttttcag 480
gccagaagac ngatgatcaa gggcttntaa ccagganaag cttttttcca agggtnccaa 540
agcacttttc anttacttga cgggaaaaac aattt 575

<210> 6593
<211> 481
<212> DNA
<213> Homo sapiens

<400> 6593
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caacctntgc tccccagggt caagtaattc tcctgcctna ccctgccggg tacctgggat 120
tacaggcatg tgccaccacg cccagctaatt ttttgggttt ttaatanagg gggggtttca 180
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ccaaagngct gggattacag gcttgagcca ctgngcctgg ccagcatagc tttcttaang 300
cattcatgaa gctgcaatgn ataattgnct tgagataaca ttggatgita atactacagc 360
aaattttgcc atgtanacca cacatttatt aaaagggatc tcattcttta gnattctccc 420
ggacttntnc ccatnccaaa gttingccttc attttgaatt gaaggtangg attaatingc 480
t 481

<210> 6594
<211> 575
<212> DNA
<213> Homo sapiens

<400> 6594
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agaccacagg cacattccac cagctgacaa aaattagccg ggcgtgggtg cgggcacctg 180
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gcagtgagcc aagattgccc tactgcactc cagcctgcgt aacagagcga cactctgtct 300
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aangaagaag aggaagactg tncagactac 360
tagagattat ggcaacctct ttctcaatct tggtttcttg gtttttggtt ggtatttgng 420
gagatgggat ctacttttgg tgcccacctg ggctnaaact cctgggcttc aagngggcct 480

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tccaccttaa ncttcccata nggctggaaa tacnggcntg aaccccccat ggccctgggct 540
ggaanccttt tttttttttt tttggnaaag gagtn 575

<210> 6595
<211> 514
<212> DNA
<213> Homo sapiens

<400> 6595
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cagcctcgac ctcttgggct caagtgatcc tcccacctca gcctcccgag tagctgggac 120
taaaggtagg tgtcaccaca cccagctaata tttttttttt aagtagaagc ttactttctg 180
aggtgttaaa ttctagggtt ctattattca aatggcaatg ttaagcaggc tgggtgaatat 240
ttccgttttg agttcattgg ggaaatatga aaaataacat gtgaagtaat cctttgtaaa 300
cagaaaaatc tcaattctat tagaatttat tccttcagca aatattttatt gggcacctac 360
tngtgtcag gcactgtact ggggtgctggg gtagaatcat gatgaatttg gataggaaca 420
gttacgacct tcatggagtt tcattacaat ttaantagnt canccggntt ctggagacct 480
ttttttgagt actgggnaaa tatnttgaan ccac 514

<210> 6596
<211> 542
<212> DNA
<213> Homo sapiens

<400> 6596
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aggctggact gcaggggcat gatatacagct cactgcatcc tccacctccc ggattcgggt 120
gatcatcctg tctcagcctc ctgagcagct gcaatgacag gtgcacgccca ccgcatcttg 180
ctaattcttt tgtattttta gtagagacaa ggtttcacca ggttggccag gctgggtcatg 240
aacttccaac ctccagtaat ccacccgcct cagcctccca aagtgtctgga attacaggcg 300
taagccaccg caccgggcct agatgttgtt gtttagaaat gccccccag accggggcgcg 360
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tactaaaaat gcaaaaatta gctggggcgcg gtggcacntg cctgtaatcc caagntactc 480
ggaagcttag gcngganaat cgntcgacca gggagtcana agttgcaatg aacctgaaat 540
gn 542

<210> 6597
<211> 568
<212> DNA
<213> Homo sapiens

<400> 6597
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tgcaagctcc acctcccggg ttoaccccat tctcctgcct cagcctcccg agtagctggg 120
actacaggcg tctaccacca cgcttggtta cttttttata tttttagtag agacaagggt 180
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cgaaaaaatt	aagagatttg	aaggcttgat	cttctattta	cttcaagatg	acagaagagt	360
aggtttcttg	tgatgaaata	ctacaagaat	gaagaattaa	caaactgggtg	ngtaattcat	420
cagaaaagca	tattaacttg	ctgaagtcca	ctgaatgaaa	ccaaaatgaa	gctgggnagt	480
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003270" 59162960

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<210> 6601

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6601

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<210> 6602

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6602

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<211> 527

<212> DNA

<213> Homo sapiens

<400> 6603

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<211> 525

<212> DNA

<213> Homo sapiens

<400> 6604

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<211> 499

<212> DNA

<213> Homo sapiens

<400> 6605

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<210> 6606

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6606

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gacacgtgaa	atgtatccgg	tattttacta	ttacaaacaa	aaatccaatg	aacattcctg	420
aagacatacn	caaaaataat	ggntcaatag	aagttactgg	aattignaatt	ttgggtcaac	480
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<210> 6607

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6607

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<210> 6608

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6608

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tctaagttag	aaatgtgtac	ctttttcaca	agatttttaga	ttgatttgaa	attgaggatt	420
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<210> 6609

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6609

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<210> 6610

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6610

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<210> 6611

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6611

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<210> 6612

<211> 535

<212> DNA

<213> Homo sapiens

<400> 6612

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<210> 6613

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6613

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<211> 541

<212> DNA

<213> Homo sapiens

<400> 6614

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<210> 6615

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6615

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<210> 6616

<211> 501

<212> DNA

<213> Homo sapiens

<400> 6616

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<210> 6617

<211> 507

<212> DNA

<213> Homo sapiens

<400> 6617

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<210> 6618

<211> 544

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 6618

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tggtgacgtt	aactattatt	gatcatgtta	ttattactat	taataccacc	tttaagctag	300
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tttttgnttg	nttgnttctt	gctttgccct	caaccagggc	tagttccaaa	caagtttcca	420
ctcaactnct	aacccatagc	ctggaacttt	catttgctgn	ttcattccta	tcctttncag	480
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attc						544

<210> 6619

<211> 322

<212> DNA

<213> Homo sapiens

<400> 6619

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actgtaaaat	tgtatttatg	ctgtgttttt	tttttttttt	tttttttgagt	caggggtctca	180
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ggtgtttttt	tttttttttt	ggagtgttgc	actgtcacct	gggctaaagt	gcaanggctc	300
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<210> 6620

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6620

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ccctcgtcta	gccctggggc	cctgtcccca	aggccagctc	gctgagcctg	cgctcctcct	180
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cctcagcctg	ccgatcagca	gctgtcttta	ggttttcttc	ccggttcatg	tagcctcgta	300
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gctggg						546

<210> 6621

<211> 487

<212> DNA

<213> Homo sapiens

008220.69462960

<400> 6621
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 tcaagactta ctttaaatta aaataacagg agagaattat agaatgacaa tcaccaagga 180
 ttctaaaagt ctacataacc ataagcacia ttgttcacag agcatctaga cccgatctca 240
 gtaagaaaca atgaaagcac tgacttggca ccaacacgag actgaaaaac cagaccacag 300
 gcttctctta aacatcaaca tggccttggg agtgggagcgt ggaggagcgc ggaaaaattta 360
 tagcctccta aaaagatccc gtctgtcttc ttaaattctt cacctcgctt atttccttan 420
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 ntntntg 487

<210> 6622

<211> 494

<212> DNA

<213> Homo sapiens

<400> 6622
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 aagcatacnc caaaaatggg tncatttcan atgaaggaca taacanagcc ctaataaaaat 120
 acanaattga gcttaattta atttaactgn cttgggcaac catcatgcct ggctaatatg 180
 ccatattatt tccgttgnac acagtacatg tttnggttta ctaaaccattg atcaaaaattg 240
 atcgaaatct ctaagttttg gttaccatgt ncagagaaca attgctcanc atggcattta 300
 aataaaacag taatatttta aaaattcaca aatccaatgc acaatttatt ttaaaaaaat 360
 aaaattttaa aaccttgagg gatgggatga aggctttggg naattaacct gaaaaacnaa 420
 actnaccaaa aacttccaga accagggttg ttccnggatt atacntttta acncttttta 480
 agnggactcc tggc 494

<210> 6623

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6623
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 tactgtgact tctaaaagg gaataattata aaattctagc ttaaccaatt tccctccgct 240
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 ttacagacat gtgccaccac gcccaagtta ttttttgat ttttaagtaa agacnngggt 480
 ttaaccatgt cggccaaggg tgggcttnaa cttctgganc cttgnaatcc cenncccttt 540
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<210> 6624

<211> 505

<212> DNA

<213> Homo sapiens

09629459.072800

<400> 6624

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ttacagggtg	ctgccaccac	accagctaa	tttatgtgtt	tttagtagag	atggagtttc	180
accatattga	ccaggctggg	cttgaactcc	ggacctcgtg	atctgccagt	ctcagcctcc	240
ctcccaaagt	gctgggatta	caggcatgag	ccaccacacc	cttttttttt	tttttttttt	300
ttaaaggagc	taagttttct	ctgtatctta	aacagagagg	cttcatagtg	tagtcaatgc	360
tcattcattga	ctcaattcta	gggtaccaat	gggtgctggaa	acaaaggaga	tacatcaaaa	420
atnctacct	gcagaaaact	nttccctatg	gatgggcttt	aaaacntttn	aaaatacctn	480
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<210> 6625

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6625

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tacaacaaca	tgtcccccac	aaaagactaa	ttaaaagaaa	aagaaactca	actatgtatg	180
tgtgttcctc	tacgtatatg	catagggaaa	atgtaaaaac	tagaataagt	atccatttgg	240
taagattaac	agggatgctt	tattttcttc	tttttgcttc	tgggttttca	aaactttata	300
aacggttatt	ctgtaatcat	gcaaaaattc	aattaaaaat	agatacacgt	tataacggat	360
tgaatttgtt	ttcccaaaac	ggtgtgtcga	agtcctacct	ccagtaacct	gtgaatgtgg	420
ccctcttaag	aaaaagagtc	tttgcatgag	taattaagat	gtaagttata	cagattaggg	480
tggccctaaa	tccaatcaat	agtatcctta	aggaaaancn	tngagaccgg	cacaccccg	540
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<210> 6626

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6626

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tacaggcgtg	caccaccaca	cccggcta	ttttgtattt	tttagtagaga	cgggggtttca	180
ccatgttggc	caggctgggtc	ttgaactctt	gacctcgtga	tccacctgcc	ttggactccc	240
aaagtggaga	aatatatttat	aaagtgaaga	caagactcat	gcaaatatca	gatggaaatg	300
taccaaaagt	tttattttaac	tcaagaaata	gtcatatgtt	acatttgatt	caaaggaaaa	360
atcccataga	taaatagaca	atagacagat	aaatgataga	cagattaaga	tggatggatg	420
gatggatgga	tggatggacg	gatggatgga	tggatgaata	gggtcaataa	gggaatgctg	480
gtgctgaaat	ggattaccaa	atntngccaa	atggtggant	nctggatgaa	gcttcaaggc	540
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<210> 6627

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6627

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cactcgaccc	aaaattgggt	tggcatatcg	aaaaggagac	caaggaggga	ggggctgggg	180
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ggaaagccaa	aagaaacca	aatccagaga	aaaagaatta	acaagattta	ggagcaaacg	360
agttcaggag	cctaaggaag	ggagtaggag	aggaaaccaa	gacctttctc	tgtaccgtcc	420
cagctgggggt	ggggccgtca	aggcaccagg	tctggntagg	ttgggggggac	acctgggctc	480
tggggccgggt	ttgcactgga	cttgcacgat	gtccagccca	canggggggac	ctgcacacag	540
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<210> 6628

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6628

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tacaggtgtg	tgccaccaca	cccaactaat	ttttgtattt	ttagtggaga	cgggggtttca	180
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aaaatgctgg	aattacaggc	gtgagccact	gcgccaggcc	gtatttacca	ttttcaaaaa	300
cttgcagcat	atcctactct	actcaaaaaca	gtaagcccat	aaactgttta	ttgagtttta	360
aaatgttttg	aaagtatcta	tacttatttt	ttacggagta	atgctatcta	ttcatagtat	420
tactggctca	gggaagattc	tgcctagaat	caatatatca	caaagcaacc	caggagcagg	480
atgaacctaa	gggagaaata	tggctgggggt	tctnctgggg	aggaaatgac	tgganaattt	540
taaa						544

<210> 6629

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6629

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aacgttattc	ccagagaggt	gcctcagtg	aggcgtgtg	tctcctacgc	aacttctgag	180
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gaagccacat	gcactgcggc	gtccagaggc	agaagcacia	ccaacaagaa	ccacgaagga	300
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caaaaaactg	ccaactgaaa	aagctgaatt	tggaaacata	agtcaataaa	tccataacca	420
gcaatactat	ggggcctggg	gtgcgctggc	ctttantgag	tggagtgggg	ccnaaggatg	480
cttgcacgtc	ctgcaatggc	acancggggc	ttcaccgggg	gaaaancatt	cctggaaaagn	540
gtcatn						546

<210> 6630
<211> 558
<212> DNA
<213> Homo sapiens

<400> 6630
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aatgtacact gtttaaccaag taaaaatggt atgctgaaat agttaactag ggcatatttg 120
aagaattttg tttactttta aaagaggaaa aatcacttcc aatcttccct tccacacatt 180
cctaacaagc ctgcactata cctgcttaaa actgaaaata taaacaatta catgggcccc 240
acttcattac agaatgcatt ttctgtact cttaaaggaa gctattacat tgaagttacc 300
ttcctttgcc aaaaactttc agacaagttt actgctcttt atattttgtg taactttgta 360
aattatacaa gaaatatagc acacaacttg aattaatcta aaaacacata cacataaaca 420
caggataaag tgcaacacaa caggaacatg gtctggcaac attcactttc tnaaaccccc 480
ccgaaaggat ttcgagtaa anggaataan gtggtctcaa ggcttgacct taaatcacca 540
gaataggtat tttcccn 558

<210> 6631
<211> 527
<212> DNA
<213> Homo sapiens

<400> 6631
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caaaacccca aatatttaaat aaataaaaaat tagaattagt tgccattcta ctccaaacca 180
gctagcctag ctgaagagaa gaggggaagg ggaagaggcc agagaaagga ggaggcagtc 240
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gagcagtcct cagtacagcc cccacttttt ggagagagta gggtaagggt tatgtgcacc 360
ctcctcctac cctcaattca tttgtgtcat agagggagaa agttaaaagc tcagcttttg 420
tttctggccc aagttanggg agcttagaaa nggtaaccct tgggtccagct tttggcagaa 480
tganggccca cagatnggac aattanggca caanccttgg cnttggga 527

<210> 6632
<211> 545
<212> DNA
<213> Homo sapiens

<400> 6632
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tacaggcatg caccatgccc ggctaattct gtatttttag tacagacagt gtttcactat 180
attggtcagg ctggctcttga gctcctgacc tcaagtgatc caccgcctc ggctcccaa 240
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gacaagatgg accaagtctc tcaatccgca aaaacaatga aaaacaaaca acgatgtgtc 420
aatacttagc attaaagaag agtaattttt ctattttaaa aagttcatta attttctggc 480

tattaaaaga caaatctnt aaggattcaa tggattgaat atngggggaa aggaagaaat 540
ttaan 545

<210> 6633
<211> 400
<212> DNA
<213> Homo sapiens

<400> 6633
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ggcacgtgcc accacgcccg gctaaattnt gtattttcag tggagatggg gtttcaccat 180
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tttataaaaa atgcaaaatt ggccaaacgn ganggcacac acttgtagnc ccagctactt 360
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<210> 6634
<211> 546
<212> DNA
<213> Homo sapiens

<400> 6634
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ggactatagg cacatgccac catacccagc tgatttttgt attttttggt gagacggggt 180
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tctagcctta ccccttacca tttgtattac aaccctgtgc acgatccatt ctgaacaatt 480
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ccngga 546

<210> 6635
<211> 551
<212> DNA
<213> Homo sapiens

<400> 6635
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gggacatgga ttctaaatg ctatgtatgt gctcactttc actttaatgt aagttttaat 180
taaaagcctc attacttggg ctctcctgtg tatatatggc attagtgtgt attttagatc 240
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aatagagtgt ttttgccatc ttaggactcc acctttgcct ggtactgaaa cttttaaaact 420
aaccacagta aatagtcata tacaggacaa gatcagactg gatataagtg acataagtca 480

aatacttcaa aatcctttct gcatccaatc tctcagaaaa gattaatttc aaaancctgg 540
atctggctat t 551

<210> 6636
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6636
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ataaatgacc ttagaattgg ctatgttagt agttagttaa tgtggtacat gttaaacacc 180
agtagagaaa caactatggg tgtgattaaa tcacttgact ttcctgccag agctagaatc 240
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aatgtaacaa aactgttttg ccctcttctt aagtaaataa ttattggaat aattagtgna 480
accatcacat agtaatgnng attttgggct tgactaagtg ggtaanggat gnccttttnat 540
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<210> 6637
<211> 541
<212> DNA
<213> Homo sapiens

<400> 6637
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gaatcacact agggctattt tctgggaaat gtgagcttta ttcaaacag tgttttttca 420
gagcttattc tctattgaaa tagtggtata aatgggagct gngttcttag agagacccn 480
aatggntca tagatcataa agtaatngag aaaagttaa tacgcttggc atgaacaagt 540
n 541

<210> 6638
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6638
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acaatatcaa acatgctcat caaataactc aaagcaaaca ggctaactcc agtcatttgt 300

taacaaat	tt	taaggatcgt	ccatatatac	gtgtggcgga	aagcatgtgt	ccaggcaatg	360
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<210> 6639
 <211> 493
 <212> DNA
 <213> Homo sapiens

<400> 6639						
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agngataaag	cctacttnga	ccatgggtgga	ttagctattc	tgatnttact	gctgggattt	420
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<210> 6640
 <211> 551
 <212> DNA
 <213> Homo sapiens

<400> 6640						
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atttctggac	accatggtag	agctgctgtt	acagagaaac	taagtgccat	ggatctgtgg	420
tttcagggtga	agtagaaaaa	gaatgaattt	agaaaattgg	aggttcacgt	tagaagggtg	480
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000240" 69462960

taattttt	tggtgac	gtattct	gatcttg	aattatt	tctagtag	240
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tgctttt	cagttt	tttact	ttcctta	taaaaa	atgtctt	360
ttctgga	tgctgt	ttatct	agttatt	tttgccc	tctctta	420
atctttt	agaact	tctgta	cacgcct	aacttt	taaattt	480
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<210> 6644
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 <212> DNA
 <213> Homo sapiens

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tagtaagcat	300
tgaagaaaga	360

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ttccatggat	cacccattta	atggaaggtc	tagattacct	caagagtatc	tgtattgcag	420
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aaaataaaaa	gccgattttt	aaatatctgg	aaaataagct	ttatttnacc	tcaagagaan	540
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<210> 6645

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6645

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cttttaccat	attccaaaag	ttctgcaacc	atcaccacta	cctaattcca	gaatattttc	180
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taattcaaca	aatggtcctg	ggacaactaa	atatccacat	gtaaaagaat	caagttagac	360
tccctcctcg	cacataaaaa	ttaactcaaa	atggatcaga	gacctaaang	taggtggtaa	420
aattataaat	cacttagaaa	tagtaaactc	ttggaatggg	ggataagcca	aggtttccaa	480
atntgactgg	aagcccagcc	accaangaaa	aaataatggn	ttcatcaagg	tnaaacantt	540
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<210> 6646

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6646

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gacaattttat	ttctatataa	cagggcatat	actcccaatt	tgctgctact	tcaaagagca	180
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aaaaaaaagt	aataaaaagct	aaccacagaa	tatgtcagtt	ttggtttgca	gacaaccctt	360
gagattatat	aaaccaaagc	gttaagacac	caaatagtca	gaggtaaatt	actaaggaga	420
attacattca	tacatggngn	catagcactt	atcttttana	anggactttg	gttaccattc	480
caaaagcggg	tactggctng	gatttttcag	gaaaatagng	aattttaaga	aggttcttaa	540
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<210> 6647

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6647

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tataggtgcc	tgccaccacg	cccagctaat	tttttatatt	tttagtagag	acagggtttc	180

accgtgttag	ccaggatggt	ctcgatctcc	tgacctagt	atccgcctgc	ctcggcctcc	240
caaagtgcg	ggattacagg	catgagccac	tgtgcccggc	caattttaat	tattttctaaa	300
atacataaac	aaaagagcat	gagttctatg	acatcctcaa	aatgtattgc	tcctcttgcg	360
gtttatcaca	accttatttc	taaagctatc	ccttagcaga	agaaagcctt	acataatttca	420
tctgattgat	cctgatatat	caggtangaa	ataaacagta	ttatggttna	attctagact	480
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<210> 6648

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6648

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ccaaagtgc	gggattacag	tagtgagcca	ccgcgccag	cctacatgct	gttctttcta	300
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acagccaagt	ctatctcatc	tccttgccca	attgccacca	tcaagttttc	tatctnaggc	420
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<210> 6649

<211> 522

<212> DNA

<213> Homo sapiens

<400> 6649

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tctctccctc	atgctggagt	aaaagtcnat	tcccactccc	aagctatcac	ccaccacaca	420
actggcacca	caagggcaac	ggntnttgcc	aagaagcnga	agcanactcg	nggtggnggg	480
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<210> 6650

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6650

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ttcctgctcc	taatgggagc	aggagtcaaa	aggaaaaaca	aattaaaagg	ggctaagag	240
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tcaaaatgga	ttgggagacc	aaanggagaa	ctncccttat	taaattccac	caagggtgaa	480
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<210> 6651

<211> 519

<212> DNA

<213> Homo sapiens

<400> 6651

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tacaggtgcc	caccaccatg	cccggctaac	tttgatcagc	ctttgatgtg	tcttggggact	180
gaggaagaca	gaaggagtca	aagattaggg	taatattttg	agcccaaatt	actgaggaat	240
aatacttttc	ttcgttaaca	cggggaaatt	aacaaaggaa	gctatgtttt	aggttacagt	300
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caactataaa	ttcagacttg	caagtcagcc	ttatggaagt	gaagtagaac	aactgagtta	420
tgaggagaat	gtataaatgc	aggaaggggac	tctattgact	aataaatggg	gttcataatc	480
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<210> 6652

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6652

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gtattataat	ctatttagca	acatccctgg	cctctaccca	attcatgcta	ctagtatccc	180
tctaattgtg	acaaccggaa	atgtctctaa	gaattgccaa	atgcctagt	aaatcatcct	240
cgctccactt	ttggcaacca	ctgtttcaca	tgatacctgt	ttttttgagg	tgcttttagta	300
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gaactcttcg	ctcctaagg	atgttaccta	tggggaatca	ggagctggaa	atagaagatg	420
gtatacatga	ttttgattat	ttctccattc	cttttaattt	tgggacgtcc	ccttaagtna	480
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<210> 6653

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6653

003220"0946960

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gctcacgttt	gtctgggcat	tgccagcactg	cacacataca	tgaattaagc	aaagcatcgg	360
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aatagctgga	aattactgaa	aaaaattaaa	ggtgccaaag	gtttcatttt	aaccccatga	480
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<210> 6657

<211> 521

<212> DNA

<213> Homo sapiens

<400> 6657

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caccatgtca	gctaattttt	gaatttttag	tagacatggg	gtttcaccac	tttgaccagg	180
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ttacagatgt	gagacaccat	gcccagcctc	ctaacagtta	tttctaaccg	taaattccca	300
caggtacctt	caactcaaaa	tatctcaaac	tgagctcatc	aacaccctct	agccacagaa	360
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accacatntg	aagactatct	ctctctntca	ccaagactag	gtaaatctta	anccttttaa	480
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<210> 6658

<211> 529

<212> DNA

<213> Homo sapiens

<400> 6658

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gccgtgaacc	acatctcagc	caatcttccg	caaagaaatg	tacccaaaaa	cttttctgta	180
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gcattttttc	tttctgnatg	ccttaaccac	acttnttcac	ctggatacct	ggagcttatt	480
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<210> 6659

<211> 524

<212> DNA

<213> Homo sapiens

<400> 6659

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taaattcacg	tttctaaaag	taaagagctt	aaaggaaatc	agaaacttat	actgacaaac	180

ctgagtccaa	tgaccctgat	ttggctatgg	aaggtgcaga	tggcgagggg	ggctcctcag	240
gactggggaa	gaacgatggg	atcctcatca	gcttggtatg	tggatgggaa	acctgtacat	300
attcaagaga	agggttttca	cttggaggct	gtcagcgtct	gtgatgccaa	ctcaataaat	360
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gagctcacgt	ctgtggactg	catanagctt	ggaaggtttc	attagctggc	cttccccaaa	480
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<210> 6663

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6663

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taattattgg	ctttcatata	acagttattg	atttgcata	attgaaccct	ttttgcatcc	480
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<210> 6664

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6664

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<210> 6665

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6665

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gcatgcacca	ccatgccctg	ctaattctctg	tatTTTTtagt	agagatgggg	tttcaccatg	180
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<210> 6666

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6666

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gaagatggcc	actcaggagc	cgtagattca	agttgctctg	attatacact	ccaactacca	480
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<210> 6667

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6667

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<210> 6668

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6668

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<210> 6669

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6669

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gctatatgtg	actagtggct	accatataaa	acatttccat	cacaaagTtc	catttatcag	180
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aaaaaaactg	caagcagtaa	aggTtTgtgca	ggtgatattc	agtaacactg	cagtgtagcc	360
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gagaaaaccg	aaatcagaat	tactgacact	ttaggccagg	catggTgcct	caagcctgta	480
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<210> 6670

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6670

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gagTtTtcac	cctgcccttc	acccctttg	aactctctca	cctccaatga	caggaacgga	420
aagTtctca	gctcgggaca	caactttggg	caggTcacag	ggcancagaa	caatggggca	480
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<210> 6671

<211> 546

09629469.072800

<212> DNA

<213> Homo sapiens

<400> 6671

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gaacgcagtt	gttcattctat	taaaacatag	tctagacgat	gagaaataac	atcaattcca	180
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gttcattgtg	tgtatcatgc	atgtcagaga	ctgttataag	tgctttacat	gtgtcaatca	300
cttgggtccac	ataagagtcc	tgtgtggtag	gtgcttttat	aatctccatt	atttgaagtg	360
agaaaaggta	agaaacttgc	tgaaggccac	ttagctagtg	agtggaagag	ctagaaaagg	420
aggtgagaga	gtctgtgtca	ggggcaagag	ctctactgct	canaggacng	taaaccctta	480
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<210> 6672

<211> 529

<212> DNA

<213> Homo sapiens

<400> 6672

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tacagacatg	tgccaccaca	cccagctaatt	ttttgtattt	ttagtanaga	cagggtttca	180
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aaagtgcctg	gattacaggc	atgagccacg	tgcccagcaa	aatatagggt	actgtttttc	300
agaaaaatac	atatttagaa	attttttctt	atgattctgg	tcctatattg	gtctactctt	360
aatattaaat	agagaagcat	caataaatga	ccaatttggt	aaactatgat	actngatca	420
ttgttagaac	tagttttaca	tatggggaga	gagtnatttc	caaaataacct	nccctacttt	480
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<210> 6673

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6673

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taatacataa	aatacgaatt	actgctttta	taagaagtaa	gatggcagta	ccgttatcct	300
gaaacttcta	aggccgggog	tgggtggctca	tgcctgtaat	cccagcactt	tgggaggacg	360
agacaggcgg	atcatgaggt	caggagatcg	agaccatcct	ggctaacacg	gtgaaaccct	420
gtctctacta	aaaatcnaaa	aaattagcca	ggaagtgggtg	gtggccgcct	gtagtcccag	480
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<210> 6674

<211> 541
<212> DNA
<213> Homo sapiens

<400> 6674
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tttttgtgaa acccttttagg aaacagaaaag gttgacttat ttgccatgta aacccaaaga 360
agttctctgc gtctggatga agccccacg gtacttggtg tcacaccttt tnggttgcaa 420
ccctggctct gtgaagaaac aagcccaccc ctggnatgac ggctctntgn tacanggcaa 480
acagaagggt tgggcaatcn ngtagaactt gcanccttag aacagggacc ttgaacctgg 540
a 541

<210> 6675
<211> 548
<212> DNA
<213> Homo sapiens

<400> 6675
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cactgcagcc ctgacctcct ggactcaaac aattctcctg cctcagccct gcaagtagct 120
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aatttttact aggttttgga tatttttttc ctttttcagc tttatacaga ggattggatc 420
tttagttttc ctttaactga taataaaaca ttgaaangga aataagttac ctgagattca 480
cagagatacc cgggatnact tccttgntca attcagnctt tancacctta aaaaccttta 540
aagccctt 548

<210> 6676
<211> 523
<212> DNA
<213> Homo sapiens

<400> 6676
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gcacatggca ccatgccag ctaatgtttg tattttttgt agagacaagg tttggccatg 180
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agtgccggga ttacaggcat gggccgccgt gcctggcctc ttttggcttt ttaaattgtg 300
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ctgtgatgct ggaagttttc tatatctgtg ctgtcccaca caattgctac taagttacat 420
gtggcccggt gagcatttgn aatgnggctn atgcactgag gaagtggaat cntcatttta 480
attaacttaa atgaaatttc anttnaacag ncccctgggg cta 523

00629469.072800

<210> 6677
<211> 537
<212> DNA
<213> Homo sapiens

<400> 6677
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gaagccagag tcattgcaaa ttcttcagaa agcagtgatc ttgagagggc taggaatcac 180
agtggacaga gcagccgtgc atccttccat gacaacagga aggttaaggt gggatcatgcg 240
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aaacactggg gaggccttca gctagggtga cttcaatccc cgatttctgt ttatcttggg 360
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ccagactttt gctgtcaggt attgcttctt tactttctcc tttattangn ttttttcttt 480
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<210> 6678
<211> 510
<212> DNA
<213> Homo sapiens

<400> 6678
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tacaggtaca catcaccacg cggggctaatt ttttgtattc ttagcagaaa cagggtttca 180
ccatgttggc caggctggctc tcgaactccc aacctcaggt gaccacactg ccttgaagga 240
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tgtgggtggc tacgcctgta atctcagcag atttgtttct tatgagagaa ttaactaca 360
agtataaact aaggtaaga tgactttaag gaatgtactt tttttgagat ggagtgnac 420
tcttggtgcc caangnaat gcaatggatg gcnagatctc ggnttactgg aaccttcggc 480
ttcccggttt aagcgaatct tctggctnan 510

<210> 6679
<211> 489
<212> DNA
<213> Homo sapiens

<400> 6679
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gctctcccct cagattctgg ccaactggga gggtaagcta aatgggacga gcagggtgtgc 180
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cctgccctct aggtgtgcta aggggcatct ctgggtagat tgagtcaagc aagaagagac 300
cctaggggaa tgaggaggtt atctgggggt ggggtggggag agcccaggtt gattgaagat 360
tctagtgaat gccccacac tgggttcana tgctatgcct gcctncctnc ttccctctcc 420
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<210> 6680
<211> 501
<212> DNA
<213> Homo sapiens

<400> 6680
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ctaaaaacag atcattaaaa caacaatagc gatttgactc tgtattttat ttcaatgagc 180
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gtacttccgt tcgatgaacc gcttctgatg ggccatctgg ggaaaattat atttttcaaa 420
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tctttctncc ttggaatnaa c 501

<210> 6681
<211> 548
<212> DNA
<213> Homo sapiens

<400> 6681
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cgtgagatgg gtctcctgaa tacagcacac tgatggggtt tgactctatc caagttgccca 120
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aatttggctt ggatatgaaa atctgggttg gaaaaacctt tcntttaaga atggtgnaaa 480
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cgaactgg 548

<210> 6682
<211> 541
<212> DNA
<213> Homo sapiens

<400> 6682
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agattattta gggagaagtg aaaatagaca aaacccaatt atccaacatc acatcaagtt 180
gcttaacttg caaagttttc aaagaaatat tttcacagaa ttagagaatg ttatcaaata 240
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cttaatcata ctggcagctt ggcatgcctt anggctcaag tngaaaacnt tggcatggcc 540
c 541

<210> 6683
<211> 546
<212> DNA
<213> Homo sapiens

<400> 6683
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aaaccctgac accatctgtg gaaatgcttc cgaggtcatc tctcttctgg ccatttctgg 480
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gggggn 546

<210> 6684
<211> 507
<212> DNA
<213> Homo sapiens

<400> 6684
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atataaaact catcagagag ctgccatttt aagtggaaat ggtagcaacg gattattttt 180
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acctagaaag actcttctgc agttcaattt gtaaaattta gcagcaatag aatagactca 420
taccatcaca ctagaggaag gncagcttag aactaagtcc atgancatca gangagaaat 480
ggttacnggn cnttaaagag naagttc 507

<210> 6685
<211> 543
<212> DNA
<213> Homo sapiens

<400> 6685
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atacagaata catataatat gcaagttacc tcaacagcaa aggagaagga gtagaataca 180
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ctcataaatt	tgagtngta	aaagtgaac	cgattncagc	tcatgagccc	taatataant	480
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ana						543

<210> 6692

<211> 514

<212> DNA

<213> Homo sapiens

<400> 6692

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caaaggcatg	agccaccatg	cctggctgat	cgcttcttt	tttagtgtct	ctgtaccatt	180
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gcatgtttgt	caggctcaaa	ctcctgacct	ctagtgatct	gcccgnctng	ggctttcaan	480
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<210> 6693

<211> 524

<212> DNA

<213> Homo sapiens

<400> 6693

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ttcattcatg	cctggncctt	gtngaancct	gaaaattttac	ctaccattaa	tgncctgagc	480
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<210> 6694

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6694

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009220" 69462960

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<210> 6695

<211> 517

<212> DNA

<213> Homo sapiens

<400> 6695

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ccacatgaaa	gtttacctgc	tacaatgcca	tgaggcacia	ctttnttttag	ngctcaagcn	480
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<210> 6696

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6696

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ataaatctaa	atcctgagta	acctacgaga	tgcagatcac	ctggccaatc	aaggagctcc	180
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ctggnccatg	taagncccaa	tgaagtggat	cattgacatg	tctgnaaatg	ggnttcgncc	540
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<210> 6697

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6697

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ccaaggaagg	gacccaataa	cctttcaaaa	cccaaactgc	ttcctgcggt	gagggcccag	120

ggtcctccac	ggagaggaca	ggcatcttcc	tttcccacca	ggaaggagtc	agcccggagc	180
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ctctttgggg	ctgggctggg	tgtgcttct	ggtgctgatg	ctttggcctg	tgaggctgag	300
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actcactcac	cttggcacct	cgacccgttc	aattacagca	acgaaagaag	ccactgctga	420
atgtggccta	agggaagncc	cgaagcantg	cttcggaacc	cggaacgtgc	ttaaggcctc	480
ggtggggnc	ggcangcaag	gccgggaact	aacctgaaag	gcccccgagg	ttcttnttga	540
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<210> 6698
 <211> 508
 <212> DNA
 <213> Homo sapiens

<400> 6698						
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taagacagga	ggatcgcttg	aacctcggag	gcggagggtg	cagtgcgccc	agatcgtgcc	180
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caattaataa	tcccacaatg	gcctctaagt	gctcaagtga	aaggaggagt	cacatgtccc	300
tcgctttcaa	tcaaaagcta	aaaatgatta	agcctagtga	agaaagcatg	tcaaaagcca	360
agaggggctg	aaagctgggc	cttttggggc	aaacagcccc	attgttaaag	cgaaggaaaa	420
gttcttga	gaaattaaaa	gngctactcc	agngaacacg	agtgataaag	tgaaacancc	480
tgnanccnta	aaaaagagng	gggtcatg				508

<210> 6699
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 6699						
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tagtatgtac	acatttcatt	tatctgtgtc	acatattgat	aatgctcaaa	atacttcaag	120
ctttttcact	attattatat	ttgttatagt	gacttgtgac	cgggatcttt	gatgttacta	180
ttataattat	attggggccc	atatcagatg	gcaaactgca	tccataaatg	ttgtgaactg	240
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gaaagagttg	catgtctctt	acattaaatc	aaaagccaga	aatgattaag	cctagtgagg	420
aaggcatgta	gaaagccaaa	atggggccaaa	aactgggcct	cttgacccaa	acagccaagt	480
tgtaaatgcn	aaagaaaagt	tttcaaagaa	aattttaa	ggccccngg	aaacacgaan	540
nggga						545

<210> 6700
 <211> 555
 <212> DNA
 <213> Homo sapiens

<400> 6700

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tacaggcatg	caccaccatg	cccagcta	tttatatata	tttttagtag	agataagggt	180
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ttcccaaagt	gctggaatta	ctgtgcctgg	cctagtcatt	aataatttga	ttaacgccta	300
cccctgtgat	caacgacaac	ttattcagga	agaagggttc	tttctactct	agtatgcttc	360
cagttattta	ctgtgtatct	agctagggtg	tgaaaagaaa	agaatatgaa	gcacgaagtt	420
catgaaacct	aactgggtcta	tcatctactt	taccaaattt	cttctaataa	agcaaccatc	480
aaaccagag	aagaatttga	agcttctaac	tttaatggcc	tttacaatan	gtggatttct	540
aatcatatga	aagaa					555

<210> 6701

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6701

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actgtgggtc	acgggcctaa	ggcacttgag	cttttccctc	aactgaagtg	taggggggtg	180
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tgtctttcct	cctgagtcca	cctttggcaa	tggtcccaa	agcctggccc	cttagagatg	360
cagctccaga	tcctggccac	cctcagggtt	caaagagact	ggcccagggg	tacacaattg	420
ctggaatatt	ctctgcgagt	catgcacacg	tgccggggtn	aagtgcantt	atatggngac	480
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<210> 6702

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6702

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tacaggtaaa	gatcaaggta	gttataagtt	attaaaaaat	aattatggag	actttttggc	180
agcagaaact	acaattaaat	cattcatatt	cctttttaaaa	ctagttttaa	atctatatatt	240
atctaccatg	aagggtgtata	cccttgtaaa	ttgggccata	tttcatttga	tctacagaaa	300
gaggcataat	attttggact	tctatgaaat	tttgggtcaaa	tttgacaacc	ttattaaaag	360
ctattttgaa	ctttattaaa	aagtaaagaa	tctagctggg	cacggtggct	cacacctgta	420
atcccagcac	tttgggangc	caaggcgggt	ggatcacttg	agggcaggag	ttcgagacca	480
gnctggccna	cccggggaaa	ncctggcttt	actaaaatcc	caaaatagct	tccttaagan	540
gcttaggccc	gaaaaatn					558

<210> 6703

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6703

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acaggcacgt	gccaccacac	ctggctaatt	tttgnatttt	tagcagagat	gggggtttcac	180
cacattggcc	agtcttggtt	caaaactcctg	acctcgtgat	ccactcacct	cgacctncca	240
aagtgctgaa	attacaggcg	tgagatgcag	cgcccagcca	ttagtcttat	cttttagtttt	300
tttganaaat	cgccatactg	gtttccatag	aggntgtact	catttacatt	cccaccaaca	360
gcgttccttt	ttctctgcat	cctcgacatc	ttattgcttt	ttgacctttt	aaaaatagct	420
attctgactg	gtgtgaaaat	gtagttttta	tttgnatttt	ctctggagaa	tagtgatgn	480
nccaacattt	ttttcacgtt	tnggccntt	gtatgtccct	tgganaaaan		530

<210> 6704

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6704

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caggtagctg	ccaccaagcc	tggctaattt	ttgtattttt	agtagagacg	gagtttcacc	180
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acattcatct	cctttttttt	aggggttaaa	agaaacttcc	ccctggcctc	atctcccact	360
ccctcttgct	gcgaggcacc	cgaaccatga	gcgctccctc	cctcgaggca	tcaagcacat	420
gctggtcctt	ctacatgcaa	cactctntca	aggccattcg	nttgcctaac	ctattnctac	480
ccacanttca	gggatcgcat	ggcancccag	gaagnctggc	ctggaccttn	gaaa	534

<210> 6705

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6705

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caacctccgc	cggggctcaa	gtgattctcc	tgcctcagcc	tcctgagtag	ctgggattac	120
aggcacacac	cgccacgccc	agctaatttt	ttttgcattt	ttagtacagt	cgggggtttca	180
ccgtgttggc	caggctgggtc	ttgaactcct	gacctcaggt	gatccacctg	cctcagcctc	240
ccaaagtgtc	gggattacag	gcgttagcca	ccgcacccag	caaaattttt	caaataact	300
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tttgacaaat	gaacataccc	ccttcaccac	cacgccaatc	aaagtaaaga	atattttcat	420
cacctggaaa	tctccctttt	ccagcccaag	caacatggat	gtactctttt	acaggctctgg	480
ctggtctaag	aaattcatat	naatgggggt	gggaacccat	ggnacaatat	tctttgggga	540
accgntttt	gggtttnttt	acnn				564

<210> 6706

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6706

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tttttttttc	tgtgcttaac	ttcagttact	taaagaccta	aaagacaaag	tggtatcaca	120
tcacatattt	tgtatgtgtg	ggcttttttg	aggggttagt	acttgaaaga	tatgaattga	180
tatttttttc	acatttctaaa	ttatgttaaa	accccttcaa	atctcactgt	ttgctcatgc	240
atcacctatt	agagcaaggt	gccctctaaa	ggtgtgattt	tggtcatctca	taggcttcct	300
tgaaagccaa	gcaccagagg	tctgcaataa	aggcagttgc	cagctaaatg	aataaaaagcg	360
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taaataaata	atcactacta	aatacngata	atggggtnaa	cagcttacac	tngtaaatca	480
ctgggacaga	naacctaaag	gnaatccctn	accatttgn	ccaaccatt		530

<210> 6707

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6707

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gcaaactcca	cctcccagg	tcaagtgtt	ctcctgcctc	agcctcctga	gtagctggga	120
ctacaggcat	gtgccaccac	gcccagctaa	tttctctatt	tttagcagag	acgggtttaa	180
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ggtcatcggg	ttggtacaaa	cgtcccctca	aatgtgggat	gttaaaang	aggagctggc	540
cttttttggg	aanggcacc					559

<210> 6708

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6708

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tccatcagta	tcacgacctg	ctcagcttgt	gcatagcctc	tctactcacc	ttaaccctt	180
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cctggatttt	tataacagcc	tcctaattgca	tgtccctgtc	tacaatactg	gccccctcga	360
atctgccttc	cattgnttac	attcaagatc	aaacttctta	catctttcca	cttcagactt	420
atcattggag	tctgaagtc	ttcagcccta	agggaccact	tacagnttnt	gggccatact	480
ttggactncc	cctttggcta	ncacatcctc	ctttaaaaca	ncttaccag	ttggctaggt	540
catatna						547

<210> 6709

09629469.072300

<211> 541
<212> DNA
<213> Homo sapiens

<400> 6709

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ttcacacagt	gtccacctgc	actccatgtc	taaaatgatt	tatttagtag	ggtattttgc	120
aaggctagaa	aggagagaaa	ggatttcaca	gtatcagtga	aaactgtttt	atcatgaaac	180
aaatgtaata	cattaatata	ttcattcatt	ctctattaga	aaacagcaaa	attacattgt	240
tagttgtatt	atttacagtg	aaaacttgga	agacttgaca	aagcatcagt	tagtttatca	300
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gttttataaa	atactcctgc	tttgnaaggc	aaagtgaatg	tnaaaatgng	aatgnaattt	480
aaccaggcct	gggctggnaa	cctttttattg	naataagcct	taagggttac	tonatattcc	540
c						541

<210> 6710
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6710

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aaaaatgtgt	atcatatata	actttcaaaa	atttccatgt	tccatgagaa	ctatgtaaac	120
aatgcaaaat	gtttccacta	cgtaacaaaa	gaaaatcagc	attcccacat	agtattagga	180
aatattttgg	ataatctgaa	tttatagtaa	aacaaagtga	tctgaatttg	tagtaaaaca	240
aagtgaataa	ttacaaagca	gtcttgtcat	gaagtagcct	tatataactc	agaagcaaca	300
catttcatac	tttcaaacac	tttgggtataa	gtgaaattaa	tagaaaaaca	aaagaagaag	360
aaaaaaacct	ctacttttgt	tttcacatta	ttggaacttc	agcaacaagg	caagtgcaca	420
gctaccttgg	atggacaaaa	tgggaaaaacc	tcttatctgc	ttggttctcc	tcctggaaat	480
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acaatanggt	ttta					554

<210> 6711
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6711

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cagggtgcctg	ccaccacgcc	aggctaattt	tttgtaattt	tagtagagac	agggtttcac	180
agtgttagcc	aggatggtct	caatctcctg	atctcatgag	ccgcccgcct	tggcctccca	240
aagtgtctggg	attacaggca	tgagccactg	cccccgcca	atctcaggta	tttctttata	300
gcaatgcagt	aatggcctaa	tgcagtatat	gtatatagaa	atataggata	aaaagggtga	360
tttttccaca	aaatttttga	cttgggatit	caatttcagt	tgtagaaaaa	tcaacctgag	420
atccctggta	aaatcagtta	aaatgtcaaa	tcagtggacc	cgggtcaact	ctntactata	480
ttggggcttt	tcactatacc	cccatatatt	tcngggtata	aattttgggt	ntggattnan	540

gggtgnggct atatn

555

<210> 6712

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6712

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actttataag	gtgtatgtag	aaagcaacag	cagcagttac	aaaatgttgt	ctgagtgatt	180
ctgagagctc	aaaacaagga	tccgcgtata	ggctgaagaa	aaagacgttc	agttaacagt	240
gcgcgctgta	gaactttaac	acaagtcttc	aggtggaatt	cctgtgtaaa	ccttagtaga	300
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tagaaatatt	cantttctta	ccggaaggac	cacangggga	caggaaacct	antggacgcc	480
cggcaacaac	tttcccgaag	atgcncaccc	caggaacgga	ntgcaagcct	gcacaggcac	540
cttacaatct	tttg					554

<210> 6713

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6713

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gcagccttga	cctcctgggc	tccagtgtac	ctcccacctc	agcctctagt	ggctaggacc	120
acaggcatgt	gccatcacgc	ctggctaatt	aaaaaaaaaa	atTTTTTTTg	tagagatggg	180
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aagggttatg	ggtctgggag	gaagagccca	gtggtgaagc	gccctgtcac	atctgcccgt	360
gtgacctctc	ggtgatgggtg	ccagccttga	cctctgggct	gagacagtgg	gtcggctctt	420
cactgtggaa	acgccttgcc	tacctccac	tctgggctct	ctggaaggaa	agcaccatgt	480
gcagcccaca	cagaangggc	accaacttgg	gnccccccct	tgngccctta	attt	534

<210> 6714

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6714

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tttttaattt	ttatgaagtc	cagttgtttt	gttgttggtg	ttacttgtac	ttttagtgtt	300
atattagaaa	ccattgcctg	gtctatttat	tccagcacca	catgctaata	agactattct	360
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tggtggctca	catctgaaat	cccagcactt	tggaagctn	aaggtgggaa	ttgagcccag	480
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<210> 6715

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6715

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
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<210> 6716

<211> 454

<212> DNA

<213> Homo sapiens

<400> 6716

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ttcaatgcc	aaccttctcc	tacaacatac	aaaggggaga	tgccaaaact	ctgaattctt	180
gtaacggatc	ctgcaactag	ttctatccag	aagatggaga	caatattccc	tgagattgac	240
tgaacatgtg	agaaggcaca	gctcagaagg	agaggaaggc	tgagggcagt	gaaatgagaa	300
cctatgcatc	acctggcctt	tttcatgtt	agtctatcct	actatcccag	gaattcactt	360
ctgctgtact	tgagattcag	ggataataat	gtgactcctc	ctccacatt	ctaagtaa	420
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<210> 6717

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6717

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tttttccttt	tttcttttcc	cagctacaaa	atactctggg	gagatgcatt	ataatttaaa	180
atatataata	ttgcacaaac	aaccaaaagg	ttaattaaac	taaagaaata	attacaaaga	240
gaaaaacccc	atcccgtcaa	aaaaaagatt	cagcattctc	tccatcccac	cccctcactg	300
aaggtttgaa	gtggaagtga	cctcactctc	tcggtgtccc	tgaccacga	tccctttcac	360
tcattggtga	gcacaccaga	ttaggtcaag	aatcaccaga	gcagcatcgt	gaagcaccag	420
gctcttccag	agattcctgn	agccccctcat	ttcccaaaa	ggtgcagctt	taccagagt	480

ganggtgaaa gccccaangc tggggctggc ttcaggaaga aaactttggc agaaaccnn 539

<210> 6718

<211> 522

<212> DNA

<213> Homo sapiens

<400> 6718

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tgtgggtcan	acaggcaacc	aatcagggag	gtctctggga	actcagataa	tgaaaaatttt	180
ttcatgtata	aaatccttaa	tcaaaatgcg	agtgggtgtca	tcttgcaagt	cagacactgc	240
aacttaaaat	taatatacaa	cagaaccttc	agcagaagga	acatccccgg	gctgtgtggt	300
acaagtgacc	ctgaactgtg	gcctggactg	ccgagacccc	aggcggcagg	ccggctccag	360
gccagcatcg	agatcccagg	gaaacaagct	gttgctgcac	cangatcccc	aaggcccgga	420
nggacttcna	aatgtgangg	caaatcggca	aagatgatgt	ancacaaaga	gggncattaa	480
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<210> 6719

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6719

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gtcttttaggc	tactgaaatt	tccaaagttc	ttctggaagg	tttacctttt	atatgacagc	180
aatatgagac	tacttgccac	tagtcctaca	gtaaattaaa	actatatctg	caacttcccc	240
cagacgtcaa	atcaccatct	aattattgta	aggatttttt	tccagataac	aatagctgga	300
atgggggtgtt	tcagggtattt	tttgttcacc	ccagtgggta	ttgggtgaaat	ttgcaccatt	360
tccttcctat	ctccccagga	ccacctatca	agagaagccn	tagtaaacgc	tcaacaaatg	420
cttgataacc	cgataaaaact	actttaatct	gnttaagaaa	aataacctaa	agaattggaa	480
taagccttgg	ccttggtaaa	aatatcaact	tttccttaaa	aggctctcag	tt	532

<210> 6720

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6720

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acaggtgagt	gccacaacat	ccaactaatt	ttttgtattt	ttaacagaga	cggagtttca	180
ctgtgttagc	cagaatagtc	tctgtctcct	gacctcgtga	tccgcccacc	tcagcctccc	240
aaagtgtctg	gattacaggc	ctgagccact	gtgcccagcc	tcccatctac	agactttaag	300
cagggtagca	actctattct	gaagttcctg	cacattatac	ggcattaaaa	ttgtattaca	360
aattaaaaca	aaagtcattc	taataaaaaa	gtcatccaag	taaacaaaag	aagctgacat	420
tacacagtaa	tgnatcataa	attottaatg	cctaaaaact	ggtgaatcaa	tagatgtaag	480

tcagaataaaa gaaaggcttg gttggtaccc attatitttag aaaggatcat aagg 534

<210> 6721

<211> 494

<212> DNA

<213> Homo sapiens

<400> 6721

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taagggtgata	tgttttgtag	tgtatctata	atcttttaaaa	agtttagagt	ttttggaatg	180
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ttgcagttag	gctcaaatgg	caagtatact	attaaatgac	atttactatc	aaaaatagga	300
agttcatttg	aattactatg	aaaaacataa	gccactgtaa	cttgacacag	tggcacattt	360
taccatttta	gacattcaac	tatatataaa	tctctgggct	attacactca	gactcatttg	420
tactgccaaa	tgtggcactt	taaagaagtt	tctagaaaac	natcgcaatc	nctgnngttc	480
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<210> 6722

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6722

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ttgcctttga	accatgtctc	tggatctttc	ctagccatat	accctactat	aacatatttt	420
aggagcatca	tcttttaaat	acaagttgca	accttctaaa	ttgggaagaa	aagcctgtag	480
caacttcttt	atatctttta	aagaaaacct	ggggaggggg	caagncccta	aggngggaaa	540
ctatgaactc	aaaaccttta	a				561

<210> 6723

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6723

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tgcagtaggc	cagaaaagaa	gtacttcatt	tagaacacag	acagacggac	ccatgaggac	180
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gttgcccata	tcaaaaagttg	aaatgtcatg	gttgtaaaat	cataagaaaa	agaagtaata	300
ataatgtttg	taaaactaca	cattaatgga	taattaagtt	aacaacatac	aaccacattt	360
atattacata	tgtgttttgta	tatatatata	tatatattta	tactagtatc	ttaaagactg	420

tacatacatc	agctcatttt	ttttctataa	atccttatga	nggaaaatct	ggtatatattcc	480
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<210> 6724
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 6724	
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gcacctgcan	acttgctctg
atggctacat	ccaagttaca
gttcagagca	aactctacat
taagtcaacg	tttgttcctg
attgatgttc	atgggngttn
tatttatgtt	taacttaagt
tactntcaat	caaaaaccagg
tcattggaggc	ggnaagtggg
ctccatcact	ttttccaaga
ttacagccag	ggttagaaagg
gttcagatt	ccaaagtcc
gggatcagg	tcttgcagatt
aaggaaatca	gggaaacggg
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<210> 6725
 <211> 558
 <212> DNA
 <213> Homo sapiens

<400> 6725	
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acgcagttgc	taagtcaacg
ctgcgcaact	gtcctgagca
tgactatcta	cagaggtctg
gtaatactga	ttattggatt
tgtttgagtt	gtaccttgga
ctgagatttg	ttgggtgctgt
tgcctgagag	gactccaagg
ggaaagcagc	tggttcaagg
ggactgngtg	gcaaaaaa
gtcagtcctc	atgatccatt
tctgaacagt	gtgaggctcc
gcacagagaa	gacagtcca
gtccctcttg	tgtttcctct
gtcatcaagg	aacctatggct
aagagccttg	ctgatccatg
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cgaccctact	cggntnccag
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cacttaanct	

<210> 6726
 <211> 550
 <212> DNA
 <213> Homo sapiens

<400> 6726	
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ggctaattct	tttatttttt
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cagctaaaaat	ctctcctctg
gtacttaaac	actctttaca
gnttcaaccc	attccaaact
gctggagtag	agtgggtgcaa
ctgggaaaag	aggtgcacac
ggtctcgtct	tggtgctcag
cagcttccca	aagtgctgag
ttttcttcca	aatcattcca
cctgtcttat	atttgtataa
ttacagtttc	atctggtttag
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09629469.072800

ggcttgaanc gactgntctg anggccttccg attacgccaa acgtttattc atgcaaganc 540
ccgngaggna 550

<210> 6727
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6727
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agggggtcca tattttcatc ttgcaactggg ccttgcaaatt tctgcagctg gtcctgactg 180
ccaagagagg gatttagcca taaaatcagc aagggttggt cgtggggaag tggggtacag 240
gaagatagag gatttaggca tggctgcagg gttttaagct ggtgggtactg ttggctggga 300
aatctaggaa atccagcatt gagggaccgg ctttgtgaat ctgttgtgga tgggctgagc 360
ctgcagtgc catggggcat cctgcctggg aggagggcga acagcaattc atcagcacag 420
gtggtgactg aggctcanga ngggctaccc gagcgggaac tgcgggcang gatcttgggg 480
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atgtcttct tctn 554

<210> 6728
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6728
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tgatataaat cacagttttg ttaaaggaa ttaagaata acttcgtcac taatgacaca 180
tcatttttgg caaacaggaa aaataactaaa ttcagaggat catagtttct gcttagtcag 240
ctctgacggc cacacaagag gttgttatga tttgcaattg agaagtagta ctatttggat 300
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atttatgtaa attctggtct tcaatagttt gtagacttag tggcaacct gtaattgatt 420
tcctgnttcc ccatcactac agctgtcact ggacgaggag gagaatgaac naaataccag 480
gcactttcta ttctagcata aangctctgg aancagctct gntggccttt ctggggggga 540
cctaattttt tttt 554

<210> 6729
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6729
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tacaggcgcc cgccaccatg cccagctaatt tttttgtatt tttagtagag acagggtttc 180
accatgttgg ccaggctgggt cttgaactcc tgacctcgcg atccgcccac ctgggcctcc 240
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09629459.07200

tataactcta	gctactgctt	aagtcagata	aaaaaaacac	aaattacaat	gacaatttac	360
catgtgtctg	gcgctgttct	aagcacatgt	taatgcacaa	aaattctatg	aaatagggtg	420
attattatct	tcattttata	gatacgtaaa	ttgaggtaaa	agccaagttc	atcgacttct	480
tcagaatcac	acaggtagga	aaatgtccca	gaagcctaca	ctcttttaaac	caccacaact	540
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<210> 6730

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6730

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caggcgcctg	ccaccatgcc	tggctaattt	tttttgtatt	tttagtagag	acagggtttc	180
gccgtgttac	caggatgggc	ttgatcccct	gacctcgtga	tccgcccacc	ttggccccc	240
aaagtgttgg	gattacaggc	ttgagccaca	gtgccgggcc	agcatctgct	tttaaacaga	300
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ttgtagattt	ctgaacttgt	ctagcaatta	gggacacacc	gctcctagcc	tccttcaaca	420
agctatgtga	agtgttagaa	ttccttcact	ggcatgttgg	tgagattttt	ggagtatatc	480
aagccactgg	ctttaactag	aacctncctt	tttcaaactt	ctctggatga	aaaagcatca	540
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<210> 6731

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6731

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ggctggaatt	canatatcca	gagttctggt	tacctacaac	atctattctt	tacgtagtag	180
cttacaagca	tcaaaggcca	ccctcacctg	atgcttggcc	ggatctatgc	cctccaaaat	240
agtcttcatg	tcctcctgct	tgntaaatc	agcccctgct	tgaagtaaaa	catntgcaac	300
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atgcacatta	gcgccagaag	ccagcaaata	tttaaccaat	tccaggngtc	cctcctgaga	420
agcctccatc	aaagggtgtg	agcaacccaa	gttctatatc	aaccctggc	ntaataagaa	480
agtctgnaac	tttagaaaa	cctcccagga	ggccaagtaa	gagccgttcn	tggggttntt	540
tgg						543

<210> 6732

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6732

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actgaaaaca	gactaagctt	ctgtctatgg	aagaagcaca	gaccagcttt	aaccatgatg	180
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ttcttgggca	cattctccat	ggccatgtga	aacttaaaac	aaagattgcg	actgtcctgg	300
ccagagaaga	aggttaaagc	tgtgtcatag	agaattgcag	attatagttc	taccttcac	360
ctgtgatatc	catgtctctc	agagaggctc	ggctacacca	ggatgttctt	tgcgatagca	420
ttcaaaggcc	ttaccttggt	cacatctggt	acctttaggg	aatattctga	gccaagaaaa	480
ggangcttcc	atngnaacng	atgaattcgn	aacttcattt	ccgggctcta	attnancggc	540
aaacagtgg						549

<210> 6733

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6733

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acaggcacgc	gccaccatgc	ccggccaatc	cttgcatctt	tagtagagac	ggcattttctc	180
cacgttggtc	aggctggcct	cgaactccca	acctcagggtg	atctgcccac	ctcagccctcc	240
caaagtgttg	ggattacagg	catgagccac	catgaccggc	cagctactgt	cttttctttg	300
acccttcctt	tccggttttt	gaagataaag	caggaagtaa	tcttctctga	agataacttga	360
taaaaattcc	caaaacaaca	aaacacatgc	ttccacttca	ctgataaaaa	atttaccgca	420
gtttggcacc	taagagtatg	acaacagcaa	caaaaagtat	ttcnaaagaa	gttaagaatt	480
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<210> 6734

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6734

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tttcaattag	gttcaaaaat	catggctctg	taaatttcca	aaacttttaa	agtctttctca	180
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taaaagacat	caagtaaggc	cagcaataga	ggaatcaagt	tcttttcggg	ttccctgggg	480
gggattncta	tcactttacc	gtcatgaact	gggattgnaa	aagngaaagg	ccttgacttg	540
gtttggagg						549

<210> 6735

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6735

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aggtgtattc	ctcttacgat	gcccaccctt	aactcaccgt	gcattgcctg	agggccctgg	180
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gagataggca	aacaagaaga	agccacccaa	tgtgagaaag	aaataagcaa	cgggggtgat	300
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aagcggcttc	tcagtctccc	cagtaagtgc	attggcacca	tggcccctcc	caggcttctg	420
caaaaagaca	cacagctatt	gggnctacac	tagcaattgg	tgatcatggc	gtgtcagatc	480
caaagtaccc	atatgaaaat	tcttggttgg	gttctaggtc	ttcaatctca	aataatcatc	540
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<210> 6736

<211> 503

<212> DNA

<213> Homo sapiens

<400> 6736

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agaaatatac	acacacttca	aacctgggaa	atcatcctat	gaatctgctc	tgaccaatat	180
ggtagccact	aatacctgaa	atatggagta	accaagtaac	aaatTTTTaa	atttaaaaact	240
gatactcatt	tcagttattg	gaaaactttt	aagcacattt	agaccaacat	gggtatgtaa	300
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<210> 6737

<211> 508

<212> DNA

<213> Homo sapiens

<400> 6737

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actgcaatct	gtgcctcctg	ggttcaagcg	attttcctgc	ctcagcctcc	caagtagctg	120
ggattacagg	catgtgccac	catgcctgac	taatttttgt	atttttagta	aagtctgggg	180
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gctgtgttct	aatgccagct	ctgccccaac	agctgcacaa	ccacggggca	agtcatgcca	360
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gtccttgcaa	ctctatatat	ttaaagcttc	tctgnacttt	caaaaangaa	ccnnnancaa	480
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<210> 6738

<211> 536

<212> DNA

<213> Homo sapiens

09629459.072800

<400> 6738

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aagtgtctggg	attacaagca	tgagccaccg	cgcccagcca	aggacatta	cttcttaagt	300
acagaagcat	cagtgaaggt	cagtggcatg	atgcgctggg	ccgtcctcca	caggttatta	360
taaagaagac	atccatgagg	accaatgtca	cacctgccag	gaaacactcc	ccagtcccct	420
gaagggcaaa	ngtctggctt	tccaaaaacc	tggggcctgg	tctttttggc	attotaatgg	480
gcaaaaaccc	antnacatgg	ctnttaatcc	cccacttant	ncctaatttt	ntngag	538

<210> 6739

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6739

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acaggtgtgt	gccaccatac	ctggctaatt	ttttagttt	tagtagagat	ggggtctcac	180
cacattagcc	aggctgggtat	cgaactcctg	gcctcaagt	atctgcccac	ctcagcctcc	240
caaagtgtctg	ggattacagg	cgtgaaccac	cacaccggc	ccgtcttaac	agtttctata	300
ctccccaaga	gtgagttgca	aatgaactaa	aagtcaagct	tgtaagagct	atttatattc	360
cccaactggt	aatggaccca	taagtatagt	ggctgcatct	tattcacctc	tgtaagcccg	420
aacctgacac	attgctgggtg	cagtacatac	ccangggaat	atgtgctgac	tttttaaaga	480
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<210> 6740

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6740

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cctaaggaag	gaaacacaga	agaagggaac	agcttcctca	cctataaaat	aataaaaatg	180
tggtcttttt	gacatccttg	agctaaataa	ggtcgcaagg	tgagagccac	tgcccagaag	240
ttttacccaa	atagtctaac	atagaaatag	gcctggaaac	aggaggagta	acataaat	300
aaggcttacc	agtgtataaa	gtaccttcta	ttatcatttg	atcctcacta	ctcagtttaag	360
aattatctct	atttttacat	attttttaaa	aaggcatcag	tgaaataatg	tgattacctt	420
caaggncacc	cactnggtaa	atggcttggg	caaatcctca	ttaaccctac	tatacccttt	480
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<210> 6741

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6741

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tgctctgctc	tcctgcgagc	cggggaagga	gaggggcagc	ctgagctcgg	gcgggggctg	180
ggcctggctg	cccgcggctc	agctctcctc	gtccagggcc	tccgagtccc	cccgtgccct	240
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ggtgggaaca	gcaaaggcgg	tgtgaggatg	ccctcccgcc	cctgccctgc	ctgtaggggc	360
gttgggtggg	atgggcaccg	aggagtgtac	ccccgttgtg	gcacctgagg	ctcgagtgcc	420
gccttctatc	tggctgcttc	tggcactaga	gaacncaacc	atnttcaagg	gtcccacgct	480
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<210> 6742

<211> 499

<212> DNA

<213> Homo sapiens

<400> 6742

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gagaaagaca	catacaggcc	actgtttaag	cctagaaaac	atcccttatg	ggagggtttc	180
ttaaccttgg	cactatcaac	aattcaggac	agaacattct	tttgtgggga	cagtccagtg	240
cattgtagaa	tgttcagcag	catccttggc	ctctaccac	tagaggctgg	tagctccaag	300
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tagcccaaaa	ttgagaacca	ctgcttaagg	ggggaaaaaa	agaaaaaaa	gttcccttan	420
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<210> 6743

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6743

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gagctgtcca	gatagttaga	aacatatcac	acagcagttt	aagggacccc	agggggggca	420
gggaaacccc	agaatcaggc	cactcctgtc	cttgctcctg	tctgctgctc	ggaaggggcc	480
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gggtntn						547

<210> 6744
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6744
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tgcaatggtc tttatcaaaa ctacaaaagc cagcacacta tttcaatatg tattcagttg 180
ttcatatcta aatacctcat tagctatgaa acaaaccaaa tataaatgct gaatatacag 240
tacatagcaa cagattcttc acagaagaaa acaatgaaag actaattttc tacaatatgt 300
tacctgttca ttagttcttc aataacatta cttaggctat ttcaaggata acaaaaatgta 360
tgcgccacta cccatgtttt cgcaacattt ttacctagg ttctaaaggg gaataaatga 420
gggatgccgt ataggcagaa ttattttttat aaactttcgg angttcnttt ggggtggggca 480
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aatttgctat atgg 554

<210> 6745
<211> 516
<212> DNA
<213> Homo sapiens

<400> 6745
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ccaagagggc tgcagcctga gtgaagtggg gacatcagaa cctgccctcc acacccaaca 180
gctggactgc agcctcctgc aaggcctggg ggatgtgcct gacctctctc tgggacagag 240
tccgttccat gtggcggtac gtgatgcggg agcagtggtt ggtcttgtgc gtccctacaga 300
gaggaagaga acacaggtga gtgcgggatg aacaaggctg tgcctgaagg agcagtggtg 360
cttgccctgg ccagatctcc ccaactgcag tggagaactg aggttggaaat ccaggtacca 420
tttaccgntn acaatctgna tcttatcagg gggaaaangt gacagtcagg ggaacattcg 480
cttggaactna aggangcttc tgggttncac tggggg 516

<210> 6746
<211> 543
<212> DNA
<213> Homo sapiens

<400> 6746
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tggtgattaca ggcacgcacc accacacctg gctaattttt gtattcttac tagagatgtg 180
gtttcatcat attgatcagg ctggtctcga actcctgaca tcatgatcca cccacctcgg 240
cctcccaaag tgctgggatt acaggcgtga gccactgcgc ccggccattt aatcttatct 300
tttaaatcat atcaacagtt ctaaaaaaag acttggattt tttattgggtc tagtgggtat 360
tgntctagaa gcaagactcc tctaattgat cataacacca agcctacccc ttagctgaca 420
agtcaaattg gtggttttgg gtggntcaaa tncaggaaga caccctttgg gatacattga 480
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ctn

543

<210> 6747

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6747

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ctcatctagc	tttaggtgct	taagagtcca	ccagacctgg	ccggagcagt	ggctcatgtc	180
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accattcaaa	gtggtgagac	tgacgcgatg	agccaccatg	ctcagccaga	ttttgtttct	300
ttgtgaacct	gcactgctgt	taggaaactg	taagtcttat	cacctccga	atctacaaaa	360
gcctctgtgt	aggtatcttc	accagcaagg	cttggccaat	agcggataga	tccttctctg	420
gnggcaacca	tgacagcaac	agncttaaaa	caggatcaca	ccattagcat	tcncattaaa	480
agaggaacc	aaaanccacc	agtctgatgg	caatggatcc	aaggaaccgg	gncanttact	540
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<210> 6748

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6748

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tcaacagtga	attggactta	aattgtcttc	tgtttacaat	ggctgaaatc	catttaaaatt	180
ctcttggtgg	tcctttgttg	attcctggag	atttttgtac	tgtacttgcc	tcattcctac	240
acatacttta	attgaataaa	atgggagaat	gcattttccc	aagtgcctaa	agtgactgtg	300
gaaataacca	gggagagtta	ctattttcag	tctacaacat	atcatattca	gatacatatc	360
attgtggaca	taatgaatgg	gaattotata	tacctataat	tagtcaacat	aattttcttt	420
tcctccttat	ataatgattt	tatctgagca	ccaagggggt	cctttacatc	aaataaactt	480
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<210> 6749

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6749

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tacaggcgcc	tgccacctcg	accggctaatt	tttttgtatt	tttagtagag	atggggtttt	180
caccgtgcta	gccaggatgg	tctcgatctc	ctgacctcgt	ggatccacct	gcttcagtct	240
cccaaagtgc	tgggattaca	ggcgtgagct	accgcacctg	gcctacaaat	acataatttt	300
aattaacaac	ttcatttgtc	tgaaaccttt	ttgtctaatt	tgtaggata	tgaggctaatt	360
atgcttaata	acatgtttta	catgtttgca	acaaaactgaa	cataaacaga	aatccacat	420

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ctttgaaaag	agctaaacac	aaagaatgaa	tttacgtgag	aaaaagtaat	ggntttcant	480
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ttaa						544

<210> 6750
 <211> 543
 <212> DNA
 <213> Homo sapiens

<400> 6750	
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ggatgttgat	tggcttggtt tgtaacgggt ttttcatgag aaacatcctt tggctactan 480
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tna	543

<210> 6751
 <211> 547
 <212> DNA
 <213> Homo sapiens

<400> 6751	
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tacaggctcc	caccaccacc tccagctaatt atttgtgttt ttgtttgttg tgttgtttta 180
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agagaactgg	taaagtcttt tttgatattg ctcccagaaa gtgacagaaa gtgactcaat 360
tcaaaccatc	atcaacactc tatggggaca taaggcttaa caaagaactt cacttaagtc 420
tatggtcctt	cttccaaact taatgccgga tctcagcctc atcacatatt gaagactgna 480
tcagaaaatg	gtaagtgcta gcaccaatag gcattangca gtagactcan nttganggga 540
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<210> 6752
 <211> 544
 <212> DNA
 <213> Homo sapiens

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cctccataag	ccaccacact cagcttaaac tgtcttaaga ctaagatgct tagagagggg 120
aaagtgggtat	tacagtaagc ttcttgggca tgacttactc acagactatc tactctaaaa 180
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09629469-072800

aagaacaaac	aaaacctata	aactcaacta	ttgaaagtta	cttcgaactt	tatactgaaa	300
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ttcccaactg	gccaaatgac	ttcccttggt	accactgta	tgcaactattt	cccttccgac	420
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<210> 6753

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6753

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gaatccagca	taaaagggat	tgaaatgtat	aaggatcatga	tgcaaatgct	ttggagatag	300
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ttctncaaaa	gggtattcct	tggaacaag	tgattggact	gcttatccac	gttggcaggc	480
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<210> 6754

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6754

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atcatacagt	ttccataaat	ggtcttattt	tccttttctg	gttgaaattt	aacccaaaaga	180
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tggtccaatat	gagcagataa	ataggaaaagc	tatgcatcta	ataaagcaca	gggccagtgc	300
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<210> 6755

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6755

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<210> 6756

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6756

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aatgccataa	taaccccatt	ccaatgotta	ctacctgnng	gtactggtaa	ggtactatac	480
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tatcctggtt	tnngaac					557

<210> 6757

<211> 459

<212> DNA

<213> Homo sapiens

<400> 6757

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aatggtctan	aaagcatcac	ttcatgctat	gggttgaact	gtgccctcta	ataacgttgt	180
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acnnagattg	gactgggtgca	ttacaatcca	nggacatcaa	agatgggttan	cctnatgacn	420
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<210> 6758

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6758

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gcaacctcca	cttcccgggt	tcaagcgatt	gtcctgcctc	agcctcccaa	gtagctggga	120

ttacaggtgc	ctgccatcac	acctggctaa	tttttgtatt	tttagtagag	acagggtttc	180
gctgtgttgg	ccaggctggg	ctcaaactcc	tgaccttgtg	atctgcccgc	ctcgccctgc	240
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attcacatat	cacttgttat	aaacttttgc	aatctacaga	aggagcagga	tataatacaa	360
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cttttanggc						550

<210> 6759

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6759

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gattttcatc	cattttattca	aaaacctttt	aagttcaact	gtccaattta	agacagagtg	360
aagacatttt	tgagtatctg	aactaagcat	tgnttgcact	gaaacgaagt	aagaactcaa	420
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<210> 6760

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6760

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aggaaatgca	agatggaaca	ggccccaagt	ttttaactgg	cataagagca	actgtggttc	240
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tgagaaataa	acacaactgc	cagaaagcag	cacgcttcag	ctactgctaa	tcccaggcta	360
caagacaagc	aggaaatcag	agggtgccctg	tgatgngttt	tccaaaaagc	gtcagcaagt	420
acacagagca	aggaggaagg	ggacagtcca	atgcaaatnc	ccaattgggg	ttcanaacag	480
ggattaaagc	ttgaacccca	gacagcccca	accgagggcc	cccaatgctc	atcttagcct	540
tgantcctg						549

<210> 6761

<211> 428

<212> DNA

<213> Homo sapiens

<400> 6761
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tttccacaat gtcaactgca tgctgcattt tcattttctat agagcagaca agcttccaga 180
ctgcagacca agtttcttgg gtaataatac tactatcttg atcatgacca caggaaacca 240
attttatatt ccctgtacta tagagatgag acattatttg gtgtatatga aactcttcag 300
tggttggtgtt caagaatatt caaatagtag ctgaaaatag ggtttgctag agcagtccnc 360
atatttcatt aaaagaaaaa tgcccagtc aaacatttag aantaaatnt ntngnncagc 420
ctttccct 428

<210> 6762

<211> 538

<212> DNA

<213> Homo sapiens

<400> 6762
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caacctctgc ctcccgggtc caagcaattc tcttgccctca gcctcctgag taggtgggat 120
tacagggtgca tgtcacgcga cccaactaat ttttgtattt ttaggacaaa atttttgtat 180
attttttgca tgttttttgt ataattttgt atttttgtat atttcaccat gttggtcagg 240
ctggtcccaa actcctgacc ttgtgatccg cctgcctcag tctcccaaag tgctgggact 300
acaggcatga gccaccacgc ctggcctaata atttttatac tatacaagta taaagtgtca 360
tacctatatg tgcatgtgtt taaggataaa atngnatata ctngntaaaa cacctgaaat 420
aataaatacc gggccttata catatttgac cctttgaatt aaaagacatg cttaaaaaaaa 480
aaactgccgg gaattancan gaaatagagc taccatcga tgnaattaaa gaagaaaag 538

<210> 6763

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6763
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caacctccac ctcccagggt caagcaattc tcccacctca gcctcccagag tagctgggat 120
tacaggaacc ggccatcatg ccagctaata ttttgtgttt ttgtagagat ggagtttcac 180
catgttggcc aggctggtct tgaactcctg acctcagggtg atccacctgc ctgagcctcc 240
caaagtgttg ggattacagg cgtgagccac tgttcccggc aataatgcat atttttcaaa 300
aacagcattt aacagtgggc atctgacaaa tgctcagttt cttttacttg gattttccac 360
atgatctgtg tatttggtgag gagcctctta attgaaagt acagaaaccc agcatgtagt 420
ancttaggca caaaccggat taatgggcn aggtaaggaa nggctaanag gaactggcta 480
tgaaggatgc tgaataggaa cttcctgntg gcagtacttn tggccccata cttgggggncc 540
ttcaacttcc aagg 554

<210> 6764

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6764

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atgtttcaat	aggaccaaga	acgttagaga	ataaagatct	tagatgaaaa	tgaacactaa	180
taattctagt	gtcctccccc	atagaattaa	tgtaaattcc	gtatgaatca	gtggcattat	240
aatgttatgt	ggttatgaag	aatgaaattt	ctcttagaag	taggcagcat	gaatttatac	300
ttacataagt	ataacttata	cttccttgta	ctttcatctt	tagtttttat	aatttaagct	360
atgtccaccc	tggtctaaagt	acaatcatac	aatatacctc	agataatttc	catgctacca	420
ttgccaagtt	taagtgattt	tactattaaa	aaaaaaaaaa	tccaaccacc	atcaaaaatta	480
agangccaat	taaaggaant	tttaaatcat	ttggaaagca	tngggcctaa	ttggccaatc	540
ngactcaacc	t					551

<210> 6765

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6765

gagacggagt	cttactctgc	tgcccagact	ggagtgcagt	ggcacgatct	cagctcactg	60
caagctccac	ctcctgggtt	cacgccattc	tcctgcctca	gcctcctgag	tagctggggac	120
tacaggcacc	cgccaccaca	cctggctaata	tttttgngtt	tttagtagag	acgggggttc	180
agcgtgttag	ccaggatggt	cttgcctccc	tgacctcatg	atctgcccgc	ctcggcctcc	240
caaagtgcctg	ggattacagg	cgtgagccac	cgcgcccaga	tgacctgaaga	atatgtttta	300
tttacctct	cttacctgn	atattaggag	tgggaggcat	agagatcagt	tcaggttttg	360
ccaacagaca	gaaccagggt	cacacccgtc	acttccacac	actgggtgatg	ngctcaagga	420
agctgcttat	ctnccattaa	ggccatccat	tcaactgcaa	aatgggggat	aataccctta	480
actgggctgg	ttacaagttt	taaatgnant	aaaaaaaaat	agcctcgat	ttggncataa	540
tac						543

<210> 6766

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6766

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ctctttacta	tggtaaacta	ctaagaaatg	caatctctat	cctgagaggt	cccttttagag	180
acagcaagtc	tcctttaccc	caagagagga	gatacctcag	tatcatcatt	agcaatctct	240
tcctttttga	aatctctaga	gtagaaagaa	gcaacaacga	aatgacaaaa	ttctaattct	300
gactctgctg	tgctagcact	taatcctaag	caaattgctc	tatctccctt	ggtttcattt	360
ttcttatgtg	taaaatagag	aaactggctg	gtgcagtggc	tcacgcccgg	cctattatgc	420
tattcttgat	gtgcatggat	aactgaaagc	agactacttt	ctaaaaatat	tacttgagtt	480
gatttttttg	gggtttgatt	ttagaccacg	tatnctaaaa	ttttccttta	agnocataa	540
accc						544

<210> 6767

<211> 562

◁213▷ Homo sapiens

aatggtaaac	tgaatttatt	tcctcttgga	aaacaattcc	agtaatctcc	aggttcagac	60
tgcagagtaa	acattaataa	cagtaacata	caggttagtt	caactgattc	aagaatttgg	120
ctgctgaaa	tcattaagga	aaaccttgaa	cactcaaagc	ttcaaatgta	tccagggaaa	180
aaaaaattct	ttgacagtct	acataacaac	tattgcatat	atagtgatgc	tacctgtcac	240
attgcaaggc	ttacaaatat	atatatacgg	gccttatcca	gctgtgggggt	tctgttctgt	300
gagaacatct	cttcattggt	tgcaagaatc	ttcagcaata	aaaaatagtc	ttggatttaa	360
gcgctgatat	acctaaagag	aaattctagg	cttaagtgtg	aagaaaangg	aagtccaacc	420
cttagtctca	tgtataacag	ttggttttta	tctttcttnc	ttaaaaatcc	ttatcntaan	480
ccattttggg	cataggcttt	ttttttttta	acttgnctga	atagggccca	agncccttgg	540
ctttataaga	acctttangt	cn				562

◁213▷ Homo sapiens

gtagagacag	gatatcccta	tgtagtcag	gctggtcttc	tcaaagtcct	gggctcaagc	60
aatcctccca	gccttccaaa	gtgctgggat	cataggcatg	agccattgta	cccagcccat	120
tctctttttt	taatagaagc	ttattattcc	actggaaagc	tgtatcataa	tttatgtaac	180
cagttatatt	tagattgttt	ggctcctttt	ttttttttta	cagataatac	cataatgaca	240
atctagtcca	tatgtttatt	tgcatgtaca	agagtatctg	taggataaat	tcccggaagt	300
ggaatttctg	gggcaaaaaga	tatatatatg	caaagatat	tgccaaattg	aattccatac	360
ttcaccaag	acagttttat	aattttatta	tttttgccag	ctcatagatt	ttaaaaaagg	420
cttctcangg	gaagttttaa	tttgccattt	aattttgaag	tggantggag	aaatctttcc	480
tatatttcaa	aggatggtta	aggtaatttt	taaaatttcc	atgggaaaaa	ttttaatcca	540
cctttcctaa	aaggggnngg	tnaanctatt	ttcttaattg	ggggcc		586

◁213▷ Homo sapiens

aagctctgtt	ctgctggctg	ctcaacgtga	ttcaggccat	ttttgaataa	atccctccgt	60
gtgccagcta	tcacattcaa	atttgaatcc	taggatgtga	aggccataat	aaaagcagaa	120
aacacttttt	cccaaaaacc	acaataaata	attttcaaac	cagacattgt	acaattttta	180
attatttttc	aagtaaaatc	tacctacatg	gtaaattttc	tttattcagg	tgaaattaag	240
tctttgttgg	tgagccttta	gccacaagaa	gagaaacaag	taatacccaa	gtgtagtagg	300
gaatagagta	actttgtctc	ccctaattgcc	atgcccata	gctggggtaa	gcctgacaat	360
gtcttgcccc	ttaccatggg	caagccccc	ctcaggagcc	ccccgcctgc	tccatcaagc	420
catgggtcat	gcccacaggc	atgtccaatg	tctggacccc	atactgggct	gaaaactggc	480
atcctgtgaa	gaggaaggtc	tgcnngtcat	caaagtgggc	aacccttttg	agacagccat	540
ggagggtcag	aat					553

<210> 6770
<211> 529
<212> DNA
<213> Homo sapiens

<400> 6770
cttttttttt tttttttctg aggcagagtt ttgctcttgt tgcccaggct ggagtgcaat 60
ggcgcaatct cggctctctg caacctccgc ctcccagggt caagccattc tcctgcctta 120
gcctcccgag tagctgggat tacaggcatg caccaccacg cccggctaata tttgtatttt 180
tagtagagac agtgtttctc catgttggtc aggctgggtc ggaactctcg acctcagggtg 240
atccgcccgc ctcagcctcc caaagtgtg ggattacaga cgtgaaccac cngtccggc 300
ccacaagcta aattttgaag tattagatcc tttcttaaac ttttgctctt cggattgtca 360
atgtcaaaga tagttccag ggggaccaa ttgggcccga aaactgggta ttaaaataaa 420
gccttaactt ttattggtn gcatctctt ctgaaaacaa ttttnactng nttaccgtgg 480
ttagnaaaaa taagcttctg gctattggaa ttttaaaact caaantnt 529

<210> 6771
<211> 557
<212> DNA
<213> Homo sapiens

<400> 6771
aagagacagc ctagctctgt caccaggcc gaggcagtg ttgtgatcac agcgcaactac 60
aacctcaaaa tccgggactt aagtgatcct cctgcctcag ctggccaaac tgctaggatt 120
attgaggtga tcggctgcac tcaactccat ttttttcac agcctttttg tcaaggactg 180
atgagccctg ctttctggaa acattcttga taatcatgac attaatcttc tgattcccct 240
ctaactctg aactcccctc tcacttttct aaagcgctt cttttcctgc taatctgtca 300
gggcccagaa acaaatcaac aggagttccc attggagtgg tatgaaaaga gagatgcatt 360
tcagggaagg gtttagatac gtgaggcca tagtggctt actaagcatt aatgggtgg 420
gaaanggaga aagcaaagtc acaatccgat ncaaacttag aagaaaatcn tagttgggtg 480
attaacaagt tgtnggccct tgcaatgtac ccggaaaata atgccttact tccaaagcat 540
ggctttcaaa cctactt 557

<210> 6772
<211> 563
<212> DNA
<213> Homo sapiens

<400> 6772
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caacctgtac ctcccagggt caagggtatc tcctgcctca acctcccaag tagctggaat 120
tactggcatg caccaccatg ccctgctaata ttttatattt ttagtagaga cgagggttca 180
ccatgttgcc caggctgac tcaaaaacgt ccgcctcggc tcaagtgata tgctgcctt 240
ggcctcccaa agtctgaga ttacaggcgt gagcccttgt gccagccac ctttcttaac 300
aaagtcaaaa aaaaatcttc cttcttagaa gtattgcca agataaaatg aacatcaagt 360
ccatgtaaat taggctgggt tcaaaacttg ctaaaagaa tcttttctat ctttaatttt 420
ctacgtgggt gacagaagga nggaaaaatg aanaaggaaa gcaagtgcct ggggtggtgng 480

09629469.072800

aaccttttgc ttttttttcc tggnaaaggc ttctgggggt tggggtcctt ggnotacctt 540
ggangccnct gggggtaana ctt 563

<210> 6773

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6773

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caacctctgc ctctgggtt caagcgattc tcctgcctca gcctcctgag tggctgggac 120
tacagggtgca cgccagcaca cccggctaatt ttttgtattc tgaatagaga cgggggtttca 180
ccatattggt caggctgggtg tcgaactcct gacctcaggc gatccgcctg cctcggcctc 240
ccaaagtgat aggattacaa gaggtagcca cagcgccctgg cctggacatg gtggactttt 300
gctatccaac atctattttc cccatttctg atagaagcaa cccagttttg caaatgaaaa 360
taacttatct ccataggctg ggttaaacad tttactcaaa ctgggacatt tgaaccgttt 420
gnccatggaa tttgaatctc aagcngaaaa agaccgaaaa agggttgaag ttggcttatc 480
caccggggga cctnttcag aaatgtgggt ttaagntcct tcaacaagaa gcccaaanct 540
ggccaanggt ccacct 556

<210> 6774

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6774

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cccctgaact cctggcctca agcaatcctc ccaagtcagc ctccagagta gttgggacta 120
taggcacaca caaccacacc cggctaacac taggtatttc taacatactg atgcacattg 180
tttgaaaatt aatcttaggg cggggcacag tggctcacac ctgtaatccc agcattcttg 240
ggggccgagg cgggtggatc acttgaggtc aggagtgcga gaccagcctg gccaacatgg 300
tgaaacccca tctctactaa aaatacaaaa attagtcggg catggtggca tgcacctgca 360
atcccagcta tctgagaggg agagacagg gaaccagga ggcagatgtt gcagtgagct 420
gagattacac cactgnattc cagcctaagg ggacagaagc gaggactccg ncttnaaata 480
antaaataaa gtaagtaagt aagtaaactc tangaagttt ngctangcat tggaacttcc 540
gtctgng 547

<210> 6775

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6775

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ctgctacact atgaggagtt gcaaatacag gtatgtgcca ccacatccag cttcttaaaaa 120
ttttaatctc ttttgcttac attatcaatc tgtttttgca tactgtctac tttttccctt 180
aaagccctca gcacgttaat catagtttta aaaaaatacc tggctctgatt actccaacac 240
tcctgccacg actgactctg gttctaattc ttgttcagtc tcttcaaact gcattttctg 300

ccttttaagt	atgcttttga	attttctgtt	gataggtaga	catgatacac	tgggtaaaag	360
gaattgcagt	aaacagggct	ttcatcctgt	tttcaggtgt	tgggggtggga	aaagtgttct	420
atgatactat	gagcagggct	caagtcttgc	tgaacttgng	tccctgggct	atgaacttnc	480
caagtgcctt	tcaactttcc	ccaactgcat	taagggggac	agaatatnnc	gaagtactag	540
nggtanggat	ttcc					554

<210> 6776

<211> 494

<212> DNA

<213> Homo sapiens

<400> 6776

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cctgggttca	cgccattccc	ctgcttcagc	cttccgagca	gctgggacca	caggcaccgc	120
ccaccatgcc	tggctaattt	tttgtatat	tagtagaggc	agggtttcac	cgtgttagcc	180
aggatagtct	cgatctcctg	acctagtgat	ctgcccacct	cgggctccca	aagtgcctggg	240
actacaggcg	tgagataccg	tgctcagcca	tcaaaccat	cttataaatc	aacagggtga	300
cacagcgtaa	gagggatggg	gaagacttcc	tcacacatgg	accatacat	ttattcattc	360
aacaaaaacc	tactgggcac	attttatgtc	aaagcacagt	gcacaagctg	tgaacaaggg	420
anaaataatc	cttgctctat	gggtaacaca	gaccattntg	aaangnctg	acttggggna	480
aggtntggat	cttg					494

<210> 6777

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6777

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gcttggctaa	tttttgtgtg	atTTTTTTTT	tttttttgta	gagacaagg	ttcaccatgc	180
tgcccaggat	ggtctggaac	tcctggcctc	aggatgatctg	cctacctcag	tctcccaaag	240
tgtcgggatt	ataggcatga	gccacagttc	ctggcccaaa	ttcttttttc	ccccccatag	300
aaagcagaaa	aataatttat	tccgaaagac	ggcagaaata	ataaattcat	cctgaaaata	360
cagtaaggng	taattctgtt	gagacagctc	ttccctctga	aaatgctctc	ctactgactg	420
nccactgga	gtattacttg	gcttgacgca	atttctaaac	acttcattgg	gtcccatgtg	480
aaaangcagg	agccatnttt	aaaagcccag	atttcaaggn	ggcngtacat	atTTTTTcaa	540
aaagacaant	TTTTT					555

<210> 6778

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6778

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gccccgctag	gcctcccaaa	gtgctgggat	tacaggcgtg	agccaccgcg	cccggccggc	120
ttacatctta	atgagcccac	agctgcctgt	tgacctgggtg	tcatacagag	ggtgatcact	180

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agccactggg	tccagcgagg	cacaaggaga	gaggttaagc	tgcttctacc	ctgttcaact	300
gtgatgagat	tccagtgaag	atcagcattg	agggcctcag	gtgtttgcag	ggggctctgg	360
tatgttagaa	aaactagagg	gaggggtctg	cctttgtgtc	tgnttgtgaa	ccgtgtctac	420
tcaagtagga	aaggggagca	cagattttta	caaaatagat	gtgggcnggt	tcttignaate	480
ttgnctaact	gaaacatgt	ttgncaana	atacttgga	ttacctaata	ngggctttg	539

<210> 6779

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6779

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cctcctgggt	tcaagcaact	ctcgtgcctc	agcctcctgg	gtagctgggt	ttacaggcag	120
gcaccatcac	accagctaa	tttttgtatt	tttagtagag	ttgggatttc	actatgttgg	180
ccaggatggg	ctggatatcc	tgacctcgta	atctgctcac	ctcagcctcc	cattcatctc	240
tttatgtaat	cactcaataa	gcattttatt	actgcctctt	atatgtttca	ggcactgtgt	300
aaggggctaa	ggattcaaaa	tcaaataaac	ctcttttctc	gataattggt	ctttgtcttc	360
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tcattataat	gatttggtaa	aggggtgatg	tttggcttct	gataaactaa	cttgagaaaa	480
acttgnnacc	tcactggnaa	actctgactt	ggngaactnt	ttcctaangg	gncctnaaag	540
ggggggccc						549

<210> 6780

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6780

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cagcctcgac	ttcctgggct	ccagcaatcc	tccaacctca	gcttcccaag	tagctgggac	120
tacagaagca	tgccaccatg	ttaggctaat	ttttattttt	tgtagagaaa	gagttttgcc	180
acgtttccca	ggtcagactt	gaactcctgg	gctcaaacca	tccacctgcc	tcagcctcct	240
aaattgctgg	gattgttagg	atgagccacc	acacctggcc	cattactaaa	tttctgaact	300
gaagctttta	gtcccatttt	tatgtgttag	ggaaactgag	tcttgagag	actaagatac	360
atttcagtgg	tcacaaaagc	tcataagcaa	acttgttagg	tgaggatctg	aaattaaggg	420
tatctagctc	tgacttacca	citnaccctt	tggnacctga	cttnttaaaa	ccttaaaggg	480
actttaagcc	taatagtagc	ccttaaattt	tgggaaaaat	ancagtttgg	actggctggc	540
acgg						544

<210> 6781

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6781

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cccagctgct	tgtaacattc	ttgaaatgtt	gactccattg	gagtgaccag	cagagcttgc	180
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gttgaaatct	gatccccagt	gttggaagtc	gggttttagtg	ggagggtgtt	ggatcataag	300
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ttcctctcta	ccctgngatc	tctgnacaca	ctggcttccc	ttnccttttg	ccatgagtgg	480
aacaaccttc	agccttanct	gagnanaaac	cggggctgat	tttggaacaag	ccataa	536

<210> 6782

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6782

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acatcatcca	gttaagtcca	ttgacaccaa	gtacttattg	ttggggcttt	acaaagacta	180
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aaactagtca	ctcatccagc	tacatatatt	ggatggttca	caacagattt	gaccatgggt	480
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<210> 6783

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6783

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aaccagcctc	tatcatcttt	tatcctaaac	tcccatgtaa	taaatattgg	atcttcttcc	360
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ttctgagtaa	ttatttcgga	tctatatatt	aaatcactta	atttctccta	agctggttct	480
aaacagctac	ttaacanttg	cattaaaata	atcctttaac	ctccttttaa	gcaactttat	540
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<210> 6784

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6784
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<210> 6785
<211> 514
<212> DNA
<213> Homo sapiens

<400> 6785
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caagctccgc ctcccgggtt caggccattc tcctgcctca gcctcccag tagctgggac 120
tacaggcgcc cgccactgng cccagctaatt tttctgnatt tttagtagan acgggggttc 180
accnggnct ccactctctg acctcgtgat ctgcccacct nggcctccca aagngctggg 240
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tgtaataacc atgcaatgnt atatcactga ttatgnttca ctaatgntgg ctgaaattgg 360
ncaaaaagtt ttttggaat ccttacnaag atcaaatatc taantcttct atggatcttt 420
ctttttctct aaantttgaa taaatatcta aangcnaaga tgctgggcca ntgagggtta 480
caagtctctt aatggaaggg gcttaaancn tnaa 514

<210> 6786
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6786
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taccaattct cttttggacc tcatgcccac tacttttttt ttttttaatt tccaactttt 180
atttaaagtt ctgggggtaca tgtgcaggaa gtgcagggtt gctacatagg caaatgtgtg 240
ccatggtggt ttgctccacc catcacctag gtattaagcc cagcatttat taggtattct 300
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gtgcccattg gttttctttg nttaagttcc tacctataag tgagaacatg cgggtgtttg 420
ttttctggtg ctgngttaag tttgctgagg ataacgagct anccatattt caagggtcca 480
atactatggt ttgcttaang ctaacttaat gggnnagngc ttaaatngac atttcatcaa 540
ngcaaaagt 549

<210> 6787
<211> 556
<212> DNA

<213> Homo sapiens

<400> 6787

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taactgatga	ccctacacgg	acatgtcatt	attgcttaga	gttcatagtc	catacgaggg	180
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cagtgttaata	tcacacagag	tagtttcacc	gccctgaaat	cctccctgtt	ccaccttttc	300
atccctctgt	cctcccagcc	cctggcaacc	actgaccttt	ttactgnctc	catagtttta	360
acttttctag	aatgtcatat	agttggaatc	aaacaatagg	tagtcttttc	agagtggcct	420
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<210> 6788

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6788

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attttcttta	aaaataaaac	tctgtatttg	taatgtaagt	caggagtaaa	tacagatttt	180
ggataaatgt	ctacacttcc	taagtcaact	ctcagagtca	cttttaagat	cactctagct	240
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caactttaat	ctgatgaaaa	gtaaatcttt	ccttgaaagt	cgatgatatg	ccacaaagtt	360
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cattcaacta	tttgggtcaaa	atagaacctt	attggcaatt	ttgactttca	caccacacga	480
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<210> 6789

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6789

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ctacaggcac	gtaccagcac	atccagctaa	ttttttgtat	tttttagtaga	gacagggttt	180
caccatgttt	gccagatggg	ctcgatctct	tgacctcgtg	atctgcccac	ctcggcctcc	240
cgtagtgtctg	ggattacagg	cgtgagccac	tgcaaccagc	cagaatttaa	tattcttttag	300
ctactttgac	tctaagtctg	aaaagaatca	tttttagaacc	tgcaaaggca	caggaaataa	360
ctaaaatccc	caaggaaata	tctaaaattg	gccttttaagc	agaagagtaa	cataaacaat	420
gctggcttct	cctgatctct	atctaagtca	anggtttnc	aacctttttt	tctggctcta	480
cctatttaca	agtgcangct	acttccatcn	tggatatctt	aancntttta	ttctccgnaa	540
gccagggggc	cta					553

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<210> 6790
<211> 534
<212> DNA
<213> Homo sapiens

<400> 6790
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ttacaggcat gcgccaccac gcccgntaa tttttggatt tttagtanan acagggtttc 180
tccatgttat tcaggctggt ctogaactcc tgacctcacg ngatccgccc gcctnggcct 240
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tgctattttg naccttngcc accaaaacgt tttttccgg ctcatctttt atgaaggggn 480
aanttttacn ggctgactcc attaaaggca ttttggcctc taattttnaa ctcn 534

<210> 6791
<211> 531
<212> DNA
<213> Homo sapiens

<400> 6791
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gggtcatggt ctaagagaca cagaactatt ttagaagagt tcaagttcac atggtagtta 180
cctctagggt catcacactg caatggcaga acaggcttgc agatacagac atgaacaatg 240
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aaataatttc tcaaagttta ttcagctttt aattaggaac ttataccaat ttttctaacc 420
ctggggagaa aaccatnnga aaaaaaccca acctatattn caactggttt ttnaaagtcc 480
accaantcaa ggtcacnttt tnggggcoatt ttatttggaa tccgacttaa a 531

<210> 6792
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6792
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acctatccaa aacaactgtc aacggagggt tttccgaggt atcaagacag taacaacaac 180
aacaatttaa aaaaaaacag aagagaactc aaataactct ttcgacatgt agtgaggcag 240
agtctacgaa gtacctgaa gcagttgggt gccgtgaatc ctggtggtgc ttcagccaat 300
gatggcagca gggctggcca ccgtggaagg caagtactg agggcttcct aactcaagtc 360
tctgtcccac aagacttctc agttgacct cagagcagcg gagtacggc tagagagaat 420
cctccagacc atctcangct cgcactactg cagtctttca aatgccctta gagcacggct 480
tnagaacaat ctctttgctt tggttcccta atgagaacaa ttcggcggtc ttttactttt 540
tgagctcaaa tanttaccat cttattaat 569

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<210> 6793
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6793
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actgggacat gccccctgaa ttgcaagttg gagttcgtaa gaatctactt gctggcaagc 180
cggtttcctc cctgagaagc acacttcccg cttccttctc tccttccagc atcttctgtc 240
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tggcctgctt cagcttgctc tactgntcan gagcttctca atgggngggc tcaaggcttg 480
gatcctacca tttggcacct ggcaactggt caaggaggca aggtttggtt gcgnaactgc 540
tgtgggtttc tctna 555

<210> 6794
<211> 565
<212> DNA
<213> Homo sapiens

<400> 6794
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aacctacacc tcccgggttc aagtgattct cctgcctcag cctcttaagc agctgggatt 120
acagggtgtc aacaccatgc ctgcctaatt attgtatatt tagttagtagac ggggtttcaa 180
catgttgggc aggctggtct caaactcctg gcctcaagtg atcctccac ctcagtttcc 240
caaagtgtc gaattacagg cttgagccac tgtgcccggc ctcatattt ccttcttatt 300
agttgctatt ttggttcagt ttgcaccact atagtctct actagtacaa acattaagga 360
tgatcatggg aaaacagatt tggctgggta gcaaaaatat gataaaggca tatcaagtat 420
tagttgtgaa acttaatta ttcttggctg ctacaaaaaa gaattacata cattcaggtg 480
catattctga atctgacaaa aatattttaag atagctcgta atggaataag acattgaact 540
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<210> 6795
<211> 534
<212> DNA
<213> Homo sapiens

<400> 6795
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ggatagtaag gattagtttc tgtctcatac atacatgaaa aagtagccag atgcattttt 120
agtcacatgg ttttaacttct ggttgcgtgc tccgtgaaat ccagattgtt ctggggaggg 180
ccagatcatg tgccctgcat ttcttctctc cctgtaagtg agaaagtgtt tctatataaa 240
acagagacac tttcttaagg tgataaatc caaacaacat gcagcagtga actgatgcag 300
aaacaaagct gtaaagagaa gccacaaagc acatccccag ggagaaagag cccttgaact 360
tgcaggatca ctgccaacct ttggcagctg ggggctcctg ctgagtaatg ncagtggggg 420

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gacatggctg	gggcancgct	ggangggaaa	tgtgganacc	acanaacaga	acagaggaac	480
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<210> 6799
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 6799						
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tacaggcgcg	tgccactatg	cctggccaat	ttttgtatt	tttagtagag	acgggggttc	180
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<210> 6800
 <211> 560
 <212> DNA
 <213> Homo sapiens

<400> 6800						
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gtactgcaag	tcatgtgccg	gactaaggca	aacatgactc	ggaatctgac	gcttgacct	480
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<210> 6801
 <211> 551
 <212> DNA
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<400> 6801						
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ttttttggct	atctcagggt	cccagaaaatg	gctgganaaa	acagngtttc	gngggggctc	540

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tgtggggcag a 551

<210> 6802

<211> 517

<212> DNA

<213> Homo sapiens

<400> 6802

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gggaagttag	gtagagaaac	acctggatta	gttacagggt	ggcatttgcc	ctatttacac	180
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gatccgaaac	ttggagttat	tgatgccctg	tcaccatggg	cttгнаacc	cctnngaaca	480
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<210> 6803

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6803

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ttggactgtt	atggccaata	aaaacgaagt	ttaggtcaag	tcttgtcagg	atagcctgac	180
taaaaacatc	tggtctccta	atttaaaaata	gttcagacaa	ccagattcct	gctgtgtttt	240
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<210> 6804

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6804

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ctgacctaca	gacacttttt	agaaaaaagt	attactagaa	aggaacctga	acgtacaata	180
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ggtccctgca	gttnaaa					557

<210> 6805

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6805

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aaggaaaaca	ctacccta	caaaaggcca	caaaatgtat	tcacagtaac	agcttcact	180
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<210> 6806

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6806

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actacaatac	acgtatggcc	accacatgtg	gctttttttt	tttttttttt	tttttttana	180
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atatgtaact	tcctatattt	agaaatgttt	tcaattcaag	taaattaaac	atttaacatt	420
tggtagcatc	acgtataatt	tnaataaata	attacnttat	ttgctggaaa	taaatcaatt	480
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<210> 6807

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6807

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gctgtgttca	ccaaacttgc	ctgacccttc	ctcctcctgt	gctttcactc	actctcctcc	180
tattttaata	ctcatctcca	gcctgcagca	ccccaggcag	tacaccttca	catgaggaaa	240

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atttggcacc	tagtcacaag	ttgctttgtg	atatttcatg	tattactcta	tttattatgt	420
ataagtctaa	ttttcccatt	tggagatatt	taccctttat	gtttcaagaa	tgatttgaca	480
caacttactt	aaagtataaa	aaccaacaaa	atcagacctt	ccaaggtaac	agtaaaacttt	540
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<210> 6808

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6808

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tctacaacga	agttaaacta	attcctccaa	gggactgaca	cacttcatat	tgataacctt	240
aatttttaag	aatatttatg	aatatatact	tcttgtgtgt	gtctgtatat	atctgtatat	300
aatatittaa	aagggaattc	ctgtaaagga	gataattcag	gaagtttagct	aattgccatt	360
atagtccaac	aacctttaag	catttacctt	tgctctctctg	tgtcttagac	atttataaag	420
tgtatacttg	tcttatgaac	tatttaaagt	tgtcaggatg	aaataaaaatt	accgtgcaaa	480
aatttcaaaa	agtaaaggcc	ctaaataaaa	aggaagncta	tcanttaaatt	gcttcatatc	540
tgnttca						547

<210> 6809

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6809

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gtgaagtaaa	aattcccttt	catctgtggt	caagtatgga	aaaattatga	agggtcctcat	180
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ataatcaggt	aacagcagaa	acagatagtc	tagtgaattt	ccgagagtca	aaatatgcta	360
ctttgatgct	tattaaacac	tgaaaacttt	cacaatacta	actccagtta	agttgggtgag	420
gttaaaaatg	actaaactaa	aaataatggt	caattaaaac	atcccacagg	gatctactgn	480
aaataatagc	tgcaaccaag	ttctggtacc	tcaagacttg	aagnccnaag	atttccccag	540
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<210> 6810

<211> 510

<212> DNA

<213> Homo sapiens

<400> 6810

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cttctccanc	atctcaccca	ctttctctcc	ttctcaatct	cctgctccca	cctccagcac	180
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ggctacctgc	ctggctttct	ctctcctggg	ctaggggctg	gggaggtctg	cggngctcan	360
tcctggccct	gcantatccc	aacaccctgc	tctggggctg	tctccacagc	caaaggctaa	420
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<210> 6811

<211> 466

<212> DNA

<213> Homo sapiens

<400> 6811

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gagcgagacc	ctctctcaaa	aaaccaaaca	aatgcagtgt	ggttgctgga	tgggggtcca	180
gaacagaaaag	ggcacgcatg	ggaaagccac	agtcttcagt	tagtgtggtc	tgcagagtgt	240
cccaatgttg	ctctgtgact	gtgacacata	acaccacagt	gaagaacagt	gaccacacca	300
agggaggcca	gtgcagggtc	cacggggact	acactgtgtc	tgctacttct	ttttttcttt	360
ttgatacagg	atcttggccg	ggccgcgggtg	ggctcacgcc	tgtaatccca	gcactttggg	420
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<210> 6812

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6812

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atggttctgt	atatatttta	gaatgatgcc	ctttgtgttt	gatccacaaa	aaggggagaca	180
tccagagctg	aagagttttc	cctgagaatt	ttgtcaagag	ctagaagaga	aagggggaaga	240
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ggggtggggg	gcggttggtta	tagtgtggag	ccaggaaccc	aaggaagcct	atccatagtt	360
ccacatcgct	gatgtaattc	ttagtatatg	gacacttgaa	caattcaata	tattaataag	420
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atatgttgcc	gggaagtcag	ggaccccaaa	tgganggacc	ggttgggaacc	ntggcnagg	540
aacctaaatt	ggggaanatt	tcttgg				566

<210> 6813

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6813

cagaaacaac	acattttctcg	agtttttatt	aactattgaa	tactacaata	tgattttacat	60
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gaaagcaggt	cagaaaggag	ccattggaac	tatgttgaca	acagcaccac	atctcctact	180
gttgtttcgg	agtcctgact	gtggttagaa	ctgataccag	tgtccgagtc	tgtgtcattt	240
gtgtaattgc	taaatactct	ttgagtaaag	ggaggaatct	ccccattgct	actgggaacc	300
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atgcttttct	ccaaatcaca	cttaacactc	tctaaattag	agctttncag	tcacttgtag	540
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<210> 6814

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6814

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cctggtcctt	ttaagcatat	gggttttcaa	atatgttaga	gcacctaaga	tataaaataa	180
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aggtcttgct	ctgtcttcca	ggctggagg	cagtgggtgca	atcagagatc	actgcagcct	360
ctaactccta	ggctgaaatg	atcctcttgc	ctcaaccttc	ccagtagctg	gggactacag	420
gcacacacga	ccacacccaa	ctaaattttt	aatttttttg	taccgaaggg	gncttgctat	480
gttgaccagc	ttgggcttga	gctcctaacc	tcaagggatc	ttctacctta	agccttccaa	540
gggttggaac	acaaatgggc					560

<210> 6815

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6815

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actccttcct	gaagctcggg	atcgaattat	aatcctgtga	gcaatcatta	ggtgcataag	180
aacttgtgtt	tctctgtctc	aggtgcactc	tcagccctgt	gagagatgag	taggatctgg	240
agtccagaag	atcttggatc	atttactgaa	ctcctttagg	tacacaattt	ccttcaatcc	300
cttcaacaac	tgtccccgtt	tgatgagaaa	ctaaagctca	caagaggtaa	gaggctgagc	360
tggggacctc	aaggcctggt	actgtcctgt	tctaagccaa	atgaactggg	gtgaactgcc	420
tttctgctca	tgcctgtagt	gtgcagcaaa	tgggggctgc	tcaaagcagg	aaccccggtta	480
aagtgggaac	catgggtatc	cggggcttca	anttcccacc	caacctgggc	ttttttggcc	540
aggtccttcc	aaccccaaaa	tggct				565

<210> 6816

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6816

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tgtgaattca	tttccgcata	gtcggaataa	tttttgctcc	aaattcttaa	aggagacaat	180
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tatttttctc	aaccatattt	cttctatttt	tacaatcatt	attaaaatat	ttccctaaag	360
aaatacaaat	gggtaaagg	attgaaagtc	acatttcttt	atctgaacaa	gtattaagat	420
tgtccatcat	ttcaagacaa	aggttttctt	aacagtgaag	atcacaggaa	gaaagtaatc	480
aggtantttc	atagatccaa	ttatatggna	gctgnctgg	tttcacattt	caaaataagt	540
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<210> 6817

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6817

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tgtaatcgct	ctatcaaact	actacttact	gtggaaagg	acctctcaat	ataactggga	180
agctcatctt	ccctaaaatt	cccttggtcc	tactagccat	tagattttat	ttttctcctt	240
tactaacagc	atttcctagg	ttctgccc	ccttatagct	ttatagaact	ccaaaccact	300
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acacaggaaa	gtttccctct	cttcaactaaa	atccangcct	tcactctatc	ttgcanggag	480
gaggacancc	tcagttggat	agtaaaaaaa	gctttanctt	cantttggnc	ccttancatt	540
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<210> 6818

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6818

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taaccaaaca	ctcattttct	tctaaaatgc	tttctctgaa	atattttgaa	gaacaaggaa	180
aataaaatct	taggatccaa	aactcactat	gccaaaggaa	aagtcaggaa	ctgagtcatg	240
ctaatactac	cttccctttg	ttcccaaaga	gacagctgta	atttcacaag	tttgccctatc	300
ttaggtaaaa	tgtagatcta	ccacgcacaa	gacaaatgca	caatcaactt	tttctccatt	360
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tcttccctca	ctgnctttcc	tccctttctt	tatcctccat	ctacttctgg	ctgggctcac	480
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<210> 6819

<211> 531
<212> DNA
<213> Homo sapiens

<400> 6819
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gttatgtatg gaagaatgta tgtaaactct ttcaggacat aagcccaaaa gtcaacagaa 180
atttgaattt tttttttcta ttttcatgct gaaattttaat tcatcatgaa ttgttttcca 240
agggtgaaat tttcttttct caactttttac atgactttgt aataagagca gttgtacggg 300
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gggctggcgg cttttaaaatt tgcattctga gctgantgna tctgctgatt tcccatctgc 420
taatattttc ccatctgcta aaacctgntt ccangggaaa aaggcctctc tggctttctg 480
gcctggttta accctcatgg ncccccttan ccggacctg gnaanaactn c 531

<210> 6820
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6820
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aggcatgcac caccatgcct ggctaacttt gtatttctag tagagatggg gtttctccat 180
gttggtcagg ccggtcttga actcccagcc ccaggcgatc cacctgcctt ggctcccaa 240
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attcttaatt cataaaacat gaatctcttc aaaataaaaag tattccatta aagtccaaca 360
aaggctcttt acctaagcta aactgactga ccacagtcga caatcttagc taccacctat 420
gggacattta atatgagctc tgcgttggtg attactttta tcgctaagct ggtattacaa 480
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aactggctcc aaaagcnaaa atgcgggaaa 570

<210> 6821
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6821
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gttatagggt ctacattttt gtcaaagtgt gtcacaaaga tttaacgata taaggaacaa 180
tggtactctt gtatgtttgt tgaaattctt caccttattc aagtacaaat ctattgaaaa 240
atagaaaaac taccaagtc attatgccga ataataataa acaacagggt ttatctaatt 300
cttaatcctg agcaaaatac attgaggaag actttctgag aggactggga aataaaggag 360
agaaacagat aaaactcaaa cgagggtgatt aaaaagaccc caacaggtaa gttttactgg 420
ctagaatgct ttcttttgca ttggcacttt tcagaaaggg gggatttctt cagacctcgg 480
agagggtttc cagtanccta agcggctcatg taanggttgg caatgacctg nggaaatttt 540
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0092270.69462960

<210> 6822
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6822
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cactgcatcc ccctcttgac aggtgggggtg agtggagctg acagccgtcg cattagctgg 180
ctttggtgga accctcatgc cttgtgggtc ccccgagctc aaaaagagtg attccagggc 240
cagcggacac actcacacat ttttacttgg tgttccaatg cctccccgc agctatttct 300
aataatggta attataatga tttgaggctt aagcagggca attccggcct gaaggcagat 360
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ttttgagccc aacgntttga cttgcaggat attcagaagc ccgtttctgc ttggaaatgg 540
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<210> 6823
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6823
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taacaaaaca gctcttcaaa tcccgcacaa attgaaaaca ggaaaactga ttgcattttc 180
tcttatcact ttctttttct gaattgacac ttttggcctt ctgaaaattt acacatggct 240
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aaatatgtta agtcccttct ggnttttttt tttcatattc actctctgga tgggtcaaat 480
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<210> 6824
<211> 538
<212> DNA
<213> Homo sapiens

<400> 6824
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009240" 69462960

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<210> 6825

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6825

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tgtaaagtaa ctacagaatg aagtattcaa cccacagaaa ggaactgcta acacatgtaa 180
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aagacttctt ctatgtttac ataagccatc agacacatac aaccactcac ttggtggctt 420
tgcgttttct tgaaangggg gaaggggagag aagagagaat ggaaccatta aatcagggtc 480
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gggccttaag tttcttttta attcaanaa 569

<210> 6826

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6826

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ctctactgct tgtttcccat tattacaggt tgggtatccc ttatctgaaa tgcttgggac 180
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gacttcccc ttgctattct gggtagtgag tcttgganat ctgggggttg aaagtgtgca 480
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<210> 6827

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6827

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ctttccggcc ttttctcttt cacacggaag agcttaccta taaaaggctc ttgataagct 180
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aaacaggctc cttttctttc ttcagccagg tcacaagaac tgcctatggg ctaatcttga 360

gagcatgttt	ttcttggctc	gaggcctggg	agaaagagca	gagtggatat	ctcaaaggca	420
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<210> 6828
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 <212> DNA
 <213> Homo sapiens

<400> 6828	
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tatatatgtt	aaacacagga
ggaggccaag	gcaggtggac
gcgaaaccct	gtctctatca
naagtccaag	gtattcaaga
ngttccnnga	gcttagaaaa
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<210> 6829
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 <212> DNA
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aagaaaagta	gggtcataag
atgaaactgt	gggaaaagaa
tgttccagta	atcccacaag
tcatctngga	gatccccatn
aaantttgga	aaggttccca
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	300
	360
	420
	480
	540
	577

<210> 6830
 <211> 498
 <212> DNA
 <213> Homo sapiens

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	gctggagtg
	agtggcatga
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	ctgcaacctc
	60
	120
	180

cgctcccgg	gttcaagtga	ttctcctgcc	tcagcctctt	gagtagctga	gattacaggc	240
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ggccaggatg	gtcttgatct	cttgacctca	tgatctgcct	gccccagcct	cccacaatgc	360
tgggattaca	ggcgtgagcc	accacacctg	gccaacatct	atctcttaag	tccacgatga	420
tttctgggga	tcttgnccat	ccacagggtt	tactggaaac	cgnaaactat	ntaccggcnc	480
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<210> 6831

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6831

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taatagaagg	ttagcttttt	ttgttgnttt	tttttatttt	tttgacatc	ccttttcact	180
ttacagtaca	tttgactata	gtgcacaaca	tgattccgag	tcaaaacagt	ggcccatggg	240
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aactccccca	gggaaaatgc	tacactatca	gagtcagctc	tgagtcagat	ctttatttgg	420
ngctccatcc	agatatattt	tagngctttc	tctttacgan	gngagtatgg	tacacgatgg	480
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<210> 6832

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6832

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ctacaggcgc	ccaccaccac	gcctggctaa	ttttttgtat	tttgtttagt	agagatgggg	180
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ggcattaata	gacaatgtgc	aacgggtccat	ttccagatct	gaactattct	atcatcccaa	420
actgaaactc	tgtatccatt	aaacagtaac	tgatcattgc	ctcttccccg	taacccttgg	480
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<210> 6833

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6833

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acaggcatgc	actaacatac	ccagctaatt	tttgtatfff	tggtagagat	ggggtttcgc	180
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accatgcaat	ttttatcact	aaatttattt	gtaaatattt	ctgccttatg	ttatgtaaaa	420
ctctctaaag	gaatgtgaaa	atgattataa	atcatatcac	aattaagaat	gaggaacaaa	480
caacacaaaag	aaaattattt	taagaattac	atacccttac	catttacaat	agtggaccat	540
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<210> 6834

<211> 338

<212> DNA

<213> Homo sapiens

<400> 6834

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cctacctcag	cctcccaagt	agctaggatt	acaggcatgt	gccaccaagc	ccgactaatt	180
tttgtatffc	taatagagat	ggggtttcac	catgnngcca	ggctgggtct	gaactcctga	240
cctcaaggga	tccactcacc	tnagtttctc	aaagtgtctg	gattacaggc	atgagccact	300
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<210> 6835

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6835

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gtgctgggat	tacacgcata	actgccttct	tataccatt	ttacttcaaa	ttctcatgag	180
aatagcttct	atgattattt	gtccctttga	tagaataaat	tatgttgaca	gatttcctgg	240
taaaaaatca	tcattacatg	tctgaaataa	actctagtgt	tgatagtcta	gaattctttt	300
gatacaatgg	cagattcaat	ttgctaatat	tttattttta	cttttgaatt	tatattagtg	360
agactgatct	actgggttct	ttattaaact	gntctctggc	ttctttatct	tcccctgnat	420
aaaggntctt	atfttgattc	acaagggtgt	tctttaagtt	tnctcaaaaa	ggataaacta	480
gnatctcctt	tcattctgac	atggtggang	ggcccttggc	tganaccang	gtcctggant	540
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<210> 6836

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6836

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ctctcccttg	accactagg	gagagaatga	gggagagaga	aagaggtgaa	acttacatta	180

008220"69462960

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aatatcatca	tcatatctga	aataatatgg	atcatcagaa	ttgcttgtat	acattttttg	300
acatgcctaa	tattctgggt	tttatggaaa	atacatttgt	ctagtgtaga	gtttcctaaa	360
gtatgctata	cagaatatta	gtaaaaatta	aatgaaaaaa	taggacaaaa	tccatcactc	420
ataaatccac	ttttagagat	gattttaaagt	gtaaactaat	gatttcaagg	catggtttaa	480
agcctgggaa	ccccttattc	aagcttacct	aaaatgggtat	gaancagggtg	gaaacatgga	540
actggtctga	agnggtggca	agggggggna				570

<210> 6837

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6837

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cacatcaaaa	tgagaaatgc	acagtttaac	cgttcaacag	ctggccttac	ttcaaaaagaa	120
cactatattc	atattaaaca	tttacagtct	ttccatctaa	ctttacacat	gtcctaaatc	180
attttccagc	acttctcaca	tagaagtcta	gttttgctct	ttaaaatcac	catctgtatc	240
acccctagta	gaaacgaggg	tttccccaat	tacatgctga	agagagccag	ccaccacccc	300
acctaaagac	atccaagcag	ctccagagcc	tgcctccgag	gccacccctt	cgccacggca	360
gtctcgattc	caagaactga	ttatctgaca	ctagtgaacc	agcactaaag	gctgtaggat	420
gtgactacat	cacagttcca	gaaggaaggg	gaccatggcc	aagagaagcc	ctaaatgaca	480
gaagctcatt	aaaancaagt	ccccaaacct	tctggaacat	cgtagcaagg	agcttctggt	540
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<210> 6838

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6838

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gaaagccatg	tgctttcaag	cctgggggatg	aggactctag	ttctcaaatt	cttagaacat	120
agcacatgat	tctccagggc	agagaggctg	gctggagaat	gaggacctca	ctgctgactc	180
tgcttaacaa	agtccatgcc	ccaggcacag	gcacacatgg	aatgaggcca	ccaagcaagt	240
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cttggcaggg	accactggac	catggatagc	ttagagacag	ttattctgtg	gccaatgaca	360
taaaacctcc	agaatctggg	ccctacagtt	cccttatcca	aatttccact	aactagggag	420
gtagaagagc	aagacatgga	agttgtctcc	aaaccagtat	ttggtcttca	gtaaacaggg	480
ataaacataa	aacactgggt	cacaagcaga	cttcanactt	ctgggcacag	caggtggaaa	540
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<210> 6839

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6839

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tgggtcaactc	caccacacctt	cactctcaaa	ggaaaggcac	agggggaagg	aagtgaagtga	180
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ataagaggca	aggcttgctc	tgatctttcc	cagttctcag	agtccagcag	gccgctgtgc	300
tggacacata	catggatcca	ccaacataca	tcagtccttc	tgtgttctct	cctgcatggt	360
agaggctgga	agcctaagag	ctatatctct	cagaatttcc	tgccagccag	gatttgcttt	420
aaagtccact	aatgagaggc	acttctagaa	accatgattc	cttcttcagc	agtggcagac	480
agtaggcatg	aaggttttgn	aacatcttct	gagcantttc	cagtccataa	tctgnttttg	540
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<210> 6840

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6840

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tacaggtgtg	cactaccacg	cccataat	ttttgtat	ttagtggaga	tgggtttcac	180
catgttggcc	aggctggtct	ctgacctcag	gtgatccgcc	cacctcagcc	tcccaaagt	240
ctgggattac	agatgtgagc	cactgcgctc	agcccttttt	tgtcttggaa	gtagcagtca	300
aggccatctg	ctaaaagtaa	gaacagataa	atttgagatt	tgaagagaat	aaaggtttaa	360
aattactgct	atagaaagcg	ggagaataag	ttgaaagtag	aaatttcaca	ggattaccag	420
gcaacattga	gacctgaggg	ttggtgatca	agaatttaga	gaggnattat	cccctcttnc	480
ataatggng	aactttcttn	aagccatatn	tacacagaca	gttgggctta	caaaggcttg	540
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<210> 6841

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6841

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ttacaggcat	gcactaccat	acctggctaa	ttttgtat	ttagtaaaga	cagggtttct	180
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aagcttcaag	ttttatcttc	taagatatgt	tccaaagatg	tatgttttta	aataggatat	360
attccaaaat	atcttactta	aatgcttcaa	gtatatcgta	agtaagttat	aatcacatt	420
ttaaaataat	caaagtgtgg	tgggcatggt	gactcacact	tataatctca	gcactttggg	480
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<210> 6842

<211> 566

<212> DNA

09529459.072800

<213> Homo sapiens

<400> 6842

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gctaggacta	caggcgtgtg	ccaccacgcc	cggcaaattt	tttgtatttt	tagtagagat	180
ggggtttcac	cgtgttagcc	aggatgggtct	cgatctcctg	acctcatgat	ccgcctgccc	240
tggcctccca	aaatgctggg	attacaggca	tgagccaccg	cgcccggccg	gaaaacaaat	300
ttaaattgtca	accatgacag	ggcagatgag	acaaactaaa	attacttttc	atttcaatta	360
tcaaaaacaa	ttagatctat	ttcaagaaaa	tatttttgct	aagtaaattt	tcttttaata	420
gctttaatct	tataatacac	atacatattt	aagaatttag	tggtatcaca	aaataattat	480
tttattattt	ccacctaaag	gataatgagt	ttggctaata	tagtctnggg	gttnaaattc	540
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<210> 6843

<211> 503

<212> DNA

<213> Homo sapiens

<400> 6843

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atgccagcc	taaagctgat	ctttttaaa	aggaaaaaca	aaccaaccag	gggcctgagg	180
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tgggaggggt	ccccagaagc	acaggagggc	actgaggcag	gaggggaggc	tgtgccagga	300
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gtacagtgca	agtnngaaaa	gaaggggcag	gaatcccagc	ctggccancc	canatgggaa	480
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<210> 6844

<211> 498

<212> DNA

<213> Homo sapiens

<400> 6844

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caagctccgc	ctccgggtt	catgacattc	tcttgctca	gccacccgag	cagctgggac	120
tataggcgcc	cgccacaacg	cctggcta	ttttgtatt	tttagtgag	acggggtttc	180
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aaactgctag	gattataggt	gtgagccacc	gcgccgacc	caaaatcttc	tttattattg	300
nttttttatt	tttatttttt	gagacggagt	ctcactctgt	tgcccaggct	ggagtgcagt	360
ggcgcgatct	cggctcactg	caagctttgc	ctcctgggtt	cacgccattc	tcctgcctca	420
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aaacttcnaa	tnanggtt					498

<210> 6845

<211> 568

<212> DNA

<213> Homo sapiens

<400> 6845

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cccaaagtgc	tgggattaca	ggcgtgagcc	accacgcccc	gcctaaagaa	atctttaaaa	300
atattttctg	gtgctctaca	tgttcagaga	aattttctcta	gtaatgaact	atagaaatga	360
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gtgcatgaat	acaaaattgg	ggnaagggtc	tgaagaaaaa	gtccatggcc	tcacatatt	540
ccaagaagn	tgtnagcncc	aaaaannt				568

<210> 6846

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6846

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cgtcagggtg	gaatgtcccc	ggcctgtctt	ctccctntca	naacaggcca	ccattatfff	480
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<210> 6847

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6847

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tacagggttg	tgccagcaca	ccaggcta	ttttgtatff	ttagtagaga	cagcgtttca	180
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ataagttgta	ctagtttgga	aaaaagcaca	actctctccc	ttgntcctta	atttagcttt	360
gatgttatga	cacatcatat	aaactgcagt	attccatgta	agttaagcac	aaccaatta	420
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catggtnngt	ggttaagggt	catgaagctg	ncntattgaa	gaaagaatca	gaattgtaag	540
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<210> 6848
<211> 578
<212> DNA
<213> Homo sapiens

<400> 6848
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aagcaaactt caagtcagtg aattagttac cacagttaaa atgcatttga ttttgtcctt 180
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taatttttgn attttttagta gagaaggggg gtttcacat gttggccagg atggctctga 480
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gccctgtgnc aggctctgag gtggaaattt tctggtac 578

<210> 6849
<211> 585
<212> DNA
<213> Homo sapiens

<400> 6849
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cactgttgca aaatggcttt ctcttccact gaccagggtt ctcatgccca ccctttgcta 180
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aaatgatgct caaaaacaaa agcagctatt ttaagatcac taaacactgg ctggtgatgg 480
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<210> 6850
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6850
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ttgtcctaata gcttttctct cctcaccoca ccaaccgccc tcaagtcagt tttctaagag 180
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aatatattgt atatattttt taaactattt tttgcctcag taaagagaga gcttagatac 420

cttgtgtcat	aaaataataa	agcaaaaata	acattttctat	gtgaacattt	ttaaaggttt	480
taaaattcat	cctgggctgg	gtgtaatggc	ttgctcacc	tgtaatccag	cactttcaga	540
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<210> 6851
 <211> 578
 <212> DNA
 <213> Homo sapiens

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<210> 6852
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 <212> DNA
 <213> Homo sapiens

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nacacatacn	540
taagaaagaa	558

<210> 6853
 <211> 575
 <212> DNA
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<400> 6853	
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<210> 6854

<211> 486

<212> DNA

<213> Homo sapiens

<400> 6854

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agaccctag	aagccaattc	attttgcctt	ggttcctgag	ttttattatg	ggattgtcaa	420
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<210> 6855

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6855

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ggtccttcca	gttccaaaag	ccattgacca	accctgtgag	gcactatgag	agattggaga	420
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<210> 6856

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6856

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cacaggcata	caccaccatg	cccagcta	taattttttt	ttttttaga	ggtaggggtt	180
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ctcccaaagt	gctgggatta	caggcatgca	ccaccaggcc	cagccacatc	tgattttagg	300
gggattcctc	tgaacacgtc	accagtcagt	gtgagatctg	catgaagtat	ttggttgaga	360
gcccttatct	ggtgaaggaa	gatccctact	attcttaatt	tgctgagggg	ttttataatc	420
aaaggagatt	gaattttatt	gacttccttt	tctgcatcaa	ttgagatgat	cattttggct	480
ttctccttta	atctgcaatg	tgggtgtatt	tggtaataga	ttttttgatg	tggaatcatc	540
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<210> 6857

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6857

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ggcatctgtt	ctgccagagg	actgaccctt	tgtgctccac	atatgttttg	ccaggaaaca	180
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tctttccacc	tgggtccctt	tgcactttca	tgcctgangc	tgcaactggg	gccaagtcta	540
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<210> 6858

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6858

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caggcgagca	ccaccatggc	cagctaattt	ttctattttt	agtagagacg	gagtttcacc	180
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tgcttaggct	ggtctggaac	tcctgggctc	aaatgatctg	gccacctnag	cttccaaagt	540
gtnggaatac	aggcttaacc	atgggcccgc	anaattc			577

<210> 6859

<211> 589

<212> DNA

<213> Homo sapiens

09629469.072300

<400> 6859

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gttcagactg	ttcttgaatt	tctggcctca	agcaatcctc	ccacgttggc	ctcccaaagt	180
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ggcacttcat	cctatatgcc	ttgtggcagc	tcttagagta	ttattttact	gcacttttat	360
ataactcatg	aattgtttata	tgaaattttct	atggatgata	agtccagcaa	aaaggaatat	420
ttaattttta	attgngatct	gattcatata	tcatatctct	ncaattacag	gctcctggga	480
agtggtaaca	ggggctttta	gcttcctggg	attttccaat	ggacttacac	cccagtgctn	540
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<210> 6860

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6860

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aacaggtagt	anatgcaggg	gaagggccac	ngtgggtggt	gnccctgggg	atgacaaggt	540
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<210> 6861

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6861

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<210> 6862

<211> 582

09629469.072300

<212> DNA

<213> Homo sapiens

<400> 6862

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<210> 6863

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6863

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gggttttga ataaaaatgg tttgnaaggg cacaagtgga aggttaaaga nggaaggaaa 540
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<210> 6864

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6864

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<210> 6865
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6865
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<210> 6866
<211> 564
<212> DNA
<213> Homo sapiens

<400> 6866
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<210> 6867
<211> 574
<212> DNA
<213> Homo sapiens

<400> 6867
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tatctaaaag tacttcaata ctttatggat gagaaaacaa acgaccagag aaagttacgt 420

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<210> 6868
 <211> 576
 <212> DNA
 <213> Homo sapiens

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<210> 6869
 <211> 583
 <212> DNA
 <213> Homo sapiens

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<210> 6870
 <211> 577
 <212> DNA
 <213> Homo sapiens

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gatcctgtct	ttacaaaaaa caatttttaa gttagctgtg aacagtaatg cacacttata 240

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<210> 6871

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6871

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<210> 6872

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6872

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<212> DNA

<213> Homo sapiens

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<211> 589

<212> DNA

<213> Homo sapiens

<400> 6877

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<211> 584

<212> DNA

<213> Homo sapiens

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<211> 575
<212> DNA
<213> Homo sapiens

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<211> 554
<212> DNA
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<212> DNA
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574

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<212> DNA

<213> Homo sapiens

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<211> 548

<212> DNA

<213> Homo sapiens

<400> 6883

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<211> 545

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 6889

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 550

<212> DNA

<213> Homo sapiens

<400> 6891

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<211> 557

<212> DNA

<213> Homo sapiens

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<211> 555

<212> DNA

<213> Homo sapiens

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<400> 6893

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<211> 540

<212> DNA

<213> Homo sapiens

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<211> 544

<212> DNA

<213> Homo sapiens

<400> 6895

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ccgcccgcct	cggcctacca	aagtgcctag	attacaggcg	tgagccaccg	caccgggcca	420
gctcttctta	agagaccctt	ggtgggggtg	ggtagctcac	acctgnaatc	tctgcatttt	480
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<210> 6896

<211> 499

09629459.072300

<212> DNA

<213> Homo sapiens

<400> 6896

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caagtcccgt	ctgcttgccct	acgttgagaa	cttggcataa	agggtagaaa	aaggagagcc	420
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<210> 6897

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6897

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cacgcgtgtg	ccaccaagcc	cagctaattt	ttgtattttt	agtagagatg	gggtttcacc	180
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agtgtctggga	ttacagggtg	gagccaccgc	gcccggccca	ttcttcccaa	agataagaaa	300
cgctgttagc	acaaaagcaa	aggcctcttt	ttatttggaa	atattggggc	caaataaaca	360
taataaaata	ctccatgact	cagaaatatc	cttctttatg	ctgttgcaaa	tgcaaatgtc	420
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gcacgtacac	gctatactga	ctnttccagt	agatgacggg	ccactattca	tgccaacgtc	540
ttaaggcctg	gcatgt					556

<210> 6898

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6898

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ggactatagg	cgcttgccac	catgcccggc	taattttttg	tatttttagt	agagatgagg	180
tgtagccag	gatggtctcg	atcttccgac	ctcatgatcc	gcctgcctcg	gcctcccaaa	240
gtgctaggat	tacaggcgtg	agccaccgtg	cctggcccac	ttctattttc	ttagttgcaa	300
agtgtgaacc	tgatttaacta	gagaaggact	ttgtaatgct	tatgctaaaa	tgaacacaa	360
aaatagctga	actccagttt	tggtttcaag	atgtataagc	aactaagcaa	aaatcactat	420
atctgttttg	aaaaccaaca	tattctttta	agtatttctt	tttttgtaaa	ggaataattt	480
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attcttgnnt	cttggg					556

<210> 6899
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6899
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tgtgccatct ataattactt ttgtgtgtat ggtatgaagt atcaagattt atttttttcc 180
tatatggata ccaagttttc taggtctggt ggtaaaaca attttccttt ctccattaca 240
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tccgttctgt tcttttagtc tatttgttta tcctctcact atcctaaata atgtcattta 360
aaagtaagcc taacactgtg ctgctgtcac tgtccacca aatttgatgg gcaaatttag 420
gtagaaaatg attctttctg tgaactttca agcttctgat acaagctgca atatcatgga 480
ttaattacat gacagcatag gataatgaat gagaaaaagc ccttggggaac caaccaatnt 540
gaatttgaat ccttt 555

<210> 6900
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6900
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atgaacattt ttagtttgag gattgggaaa ataaacctat tacattgatt aggcacagta 180
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caacttngg tcttaatatc tatgtcacag gaccatgtta tanggtgaga cagaattatn 480
ccatcccttt ggggggtttca aaaatctggt tggaaggagt ccatgactnt accatttcac 540
attggaccan ggttccaatt 560

<210> 6901
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6901
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ggttcagctc tgggcagggc ttggccaggg acagtgtggg gaaaaagaga tggggactgg 180
gagatgggac agcctcccat cgggggcacc ccacagggca gggctgagac acatccttcc 240
ggccagtgc atggggccaa acccacaccc ttctcatccc tcgtcccat ccagggtgagt 300
aatgaagcag caagcccaag gccacacagc taggtcagca tcgtcacaca ctccggaacg 360
cacagccaga cacacacaca cacaccctgc cacgcacagc acgcaggcac acacacaatt 420
gtgcatgcac acgcgttcat atattaactc tgatttatat gtgcacccta ccaganggca 480

09629469.072800

atcgaaaaaa atctcttttag agaggaaaacg actggcctttt tccttggcaa ccnncaaaaa 540
cgtggggggg aaann 555

<210> 6902
<211> 553
<212> DNA
<213> Homo sapiens

<400> 6902
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ttcagtgcct tggcatgaga catttaaaag catgtttggg tctaattctca aattagttca 120
ggggaacaga aatagctgaa aatttatgta tatgtgtatg tatatatata tatacacaca 180
catctgtata tacatacatg tatatatcca aattatatac atataaagat attttagat 240
tcaagatata tagggattat atatctatat atattatatg tgtgtctatt tatacagata 300
tatatatata tatattcatc tttctgtgtg tgtgtgtata tatatccaca cacacatata 360
aaatctactg ttgcttagtg gtggaattct ctaattttac tcatacgcat attttggaaa 420
gcttatctcc aaaaggggca cattaatcga catggaacag aacccttctc ttctacttta 480
attaatttca ttttaaatta atnattttcta ttcttcctt ttaactanta atagccccct 540
ttaagggtgg gaa 553

<210> 6903
<211> 559
<212> DNA
<213> Homo sapiens

<400> 6903
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ctacaggtgc gtgccactgc acccagcccg taaggggtgc tagctttggg ctgggaaaca 180
gtgaaatgaa aaccacaagt cacaaaccac aaccaggcaa agttctgttg ggccctccga 240
tgcattccaga gcacactgtg ggtttgttat agtgaacact gaaaggtccc atggagatgt 300
tgatcttcac agtcccaaag attctgttat atccatgagg gatgcctccc ttccccata 360
ttcctggaat tgagtcctct gtgccatcca gatttcaggg gcacagtaca aggcacagcc 420
ctataactga cacatgatgt aaatcatata tggaagatgt tctgatgtcc atganggtcc 480
aagancggct aaaaaattgg actgattgaa ttccaagtgg tgganaggnt tccactagca 540
ttttggataa anctctcaa 559

<210> 6904
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6904
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ngtttttttag ctccatcagg tcatttatgt tcttctctaa actgggttatt ctagtttagca 180
atttctataa tctttttttt aagattttta gcttccttgc attgggttag aacatgctcc 240
cttagcttgg aggagtttat tatccacctt ctgaagccta cttccgtcaa ttcacaaac 300

tcattctccg	tccagttctg	ttcccttgct	ggcaaggagt	gtgatctggt	ggaggagaag	360
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ttacctacct	ttgggccttg	aagggtggnga	ccttcanang	ggggttcttg	ctggaaggcc	480
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<210> 6905
 <211> 540
 <212> DNA
 <213> Homo sapiens

<400> 6905						
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agatataaaa	aatgtggcaa	aaatttttaa	aaatatagga	ccactatatt	cttaaaatgt	180
gtgttcttct	gtgtgtgtgt	gttcattcat	tcaagagatc	tttgactgca	attaggtagt	240
cggctctata	aaggcttcct	tgtgtgacga	taatttctaa	aagtaaaatg	ctccagttaa	300
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acattaagca	ataatgccag	ttttccataa	tatgccttag	ttgtaccacc	ttattcaggg	420
tcgacaatta	attaggaaga	caaaaagtat	aaatcgctg	tttattaagt	agcagacaaa	480
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<210> 6906
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 6906						
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ctatagaaag	cctccacatt	taatttaatc	aaatctgaaa	ccaataagc	ttaaacaaag	120
tgaatgtttt	tcaaagtgc	taatttccaa	ctcatccact	tgcaatattt	atccaattcc	180
agttcatcag	caagaaaata	aaatgtactt	ggctataaaa	atactgagga	atgttatcga	240
aaaggaaagg	ctatttggta	gaagtaacta	caaaaataat	tagttttaa	ctttgtaaag	300
ctttaatgta	agaacatcag	tacactttct	ttacataaac	cttaaagcat	gatcaatacc	360
aagatttcaa	attttcaact	ttcaagtact	tgaaaaaggg	ttgcaacaaa	gtgtctcttc	420
ccaaaaaagc	aagaacagtg	atcatgcagg	tgtaatctg	cagacatctg	angacactgg	480
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<210> 6907
 <211> 547
 <212> DNA
 <213> Homo sapiens

<400> 6907						
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tggtgatttc	tgagattttg	gtgcacccat	cacccaagca	gtgtacacta	tatccaatgt	120
gtagtctttt	atccttcaca	cccctcccac	ccttcccctt	gaagccccaa	agtccactgt	180

atcattcttt	ctttttgaga	cggagtcctcg	ctctgtcacc	caggctggag	tgcagtggcg	240
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cgagtagctg	ggattacagg	tgcttgccac	cagcttggtt	tttcattcct	gagtctcttc	360
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ttttatggct	gagtagcatt	ncacaagata	tatatgncac	gtttctttta	tttgcttggt	480
gaatggatgg	cattinggcta	agttccattt	ttgcaantgg	caaatggggc	tggtttaaca	540
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<210> 6908

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6908

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atgatgtacc	ttgggaaagg	atagttccgt	acagatcccc	tagacttggg	ggaagtcttg	180
gggcaaacca	aaatgaaatt	aagactacac	gtctcaatat	atagtgaata	gccttgagaa	240
ggaatgatct	tgatgtcaca	ggaactttgt	aattagtcca	ctgggaaata	attgtttaca	300
ttttcaaata	agtaaaataa	tagacaataa	tagtcgctgg	tcccatagga	gtagggattt	360
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catttatatt	accctggatg	taggtgccaa	ttaaggaaaa	ntggatctct	gacnctggn	540
caatgaa						547

<210> 6909

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6909

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aaggccccct	agaggcagct	accacacacag	agtgcagagg	ctgacaggct	gacctgccta	120
agaaatctcc	ctcagccgag	acctaagggc	cttctagaca	catgcacgcc	ttgggatctg	180
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ggcttttttg	agaatcagag	gatcctggna	ttaaaagaac	cgnaaatngg	aaatggggat	540
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<210> 6910

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6910

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ctataggcat	gcgccaccac	gcccggctaa	tttgttatgc	aactttttaga	tggctcaagt	180
catggataaa	ctgagactat	ttagactaga	gaactggatg	ggcttgacag	tcttccatca	240
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aagccaatcc	aaaaatcgng	ccttgcaagg	agcatccact	ttccagntnc	aagagctaan	480
aggcaaatcc	aagnnttctg	gtcttcatga	aagggtggaac	ttaaatcccc	caatngg	537

<210> 6911

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6911

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gcctggatca	tctaatttga	ttcaacattt	aatcattatt	aatgcaagta	ggggaagctc	180
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ctcatccagt	catcttttaag	gagcttgcaa	gagaactgag	atctctttga	gtgcctatac	420
aaccaatctg	nttttcaact	tcaatacagt	attcaataaa	ctacatgaga	tatttggagc	480
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cagg						545

<210> 6912

<211> 499

<212> DNA

<213> Homo sapiens

<400> 6912

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gttgccana	gggaanaagg	gcgggtgggc	anaaggaagg	ggctggagac	agatcatcag	180
ccttcccacc	caccccgggt	ggggccctcc	ctgtctccan	aaagngggcc	caggggcgcc	240
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gttncttggg	cccgccggca	ancttcttac	ttggaatctg	aatcttntac	aatcantacn	480
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<210> 6913

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6913

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aaactccgac	tcccaggttc	aagcgattct	tctgcctcag	cctcccgagt	agctggaatt	120
acaggcacgt	gccaccacgc	ccagctaatt	tttgtatttt	tggtagagac	gggggtttcac	180
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tgccacaaat	tacataactt	aaaacaacac	agatttattt	tctgacagtt	ctggagggtca	420
nacatcctaa	aatcaagggt	ttggcaggac	tgcgttcctt	ctaaagctca	ngggagaatc	480
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<210> 6914

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6914

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tgccaggcatc	tgccaccacg	cccagctaatt	ttttgtatct	ttagtagaga	tgggggtttca	180
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<210> 6915

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6915

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<210> 6916

<211> 558

<212> DNA

09629469.072300

<213> Homo sapiens

<400> 6916

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caggctggtc	tgtaactcct	gacctcaagt	gatctcaagt	gatctgcctg	tttttgcttc	240
ccaaagtgca	ggaattatag	gcatgagcca	ccgtgcccag	tcagaaaaca	cattttttaa	300
gaacaatatt	caaggacata	atataaaaag	tataatttgt	cagaatcaga	aacttctgaa	360
gtatcaaaca	ctgcatttca	ggcttagtca	ttcagttaat	cttttacctg	aaaatcattt	420
ttacaatcag	agctaatttt	ttgcaaagta	atctcactaa	tttttaaccc	aaatttgata	480
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<210> 6917

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6917

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gaatacaggt	gcccgcaccc	acgcccagct	aatttttttg	tatttttagt	agagacagtg	180
cctcaccatg	ttagccagga	tattctggat	ctcctgacct	ggtgatccgc	ccacctcggc	240
ctcccaaagc	gctgggatta	ctggcgtgag	ccaccgtgcc	cggccgaaaa	tcagttaact	300
cttcttagac	ccaatagaga	attgaggttc	agggcaaact	gctgctccca	aaactggaga	360
gagatgtgac	tacagaaaac	cacagctacg	ggtatcacaa	accccagcaa	gagaaacaaa	420
cagctggagc	cagtatccat	aggaacactg	taatgtaaat	tgcttggagg	ttcaacgtgg	480
actagcttga	gaattaaaag	ctcangggat	ggcaagctgg	ctgggggaaa	naccgaggaa	540
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<210> 6918

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6918

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gccaggacca	ggatgaagga	acgcacagat	acggcaatgc	aagcagaaag	tgcacttgaa	120
accaacaagc	gtgctcacc	tgctctccct	cccgtgctgc	ccgggggcag	gcagggtggc	180
aaggaggggg	caggaagccc	cccaggcctc	acctcctgag	tccccaatca	gggcaggggag	240
gccaggcccc	accctggact	attgactcac	tgcaagtggg	aggaggaaag	tgtggggcac	300
gggaacacaa	gggctggccg	gactctgaga	agctgaggga	caaagaatgg	acccaagca	360
cctcacgccc	agctcccac	ctatgccacg	tcccttgcta	gttagcacct	tcaccagtgg	420
gtggccaggg	ctggaaaagg	aaggggacag	atgtcctctn	tttccaccca	tnccttaacc	480
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atntaacctt	aacttatttg	agna				564

<210> 6919
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6919
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gaacaaaaag taccataatt ccactaaaat agctgaaatg taaagacaga atcaactact 120
gatacacaca acagcatgga tgaaattcaa aagctttttt tttttttttt tttgagacat 180
gatctcactc tgtcaccag gctggagtag agtggtgcaa tctcagtttg atgtaacctc 240
tgtctcctgg gctcaagcaa tcctcccacc tcagtctcct gagaagctga gactacaggt 300
gtgcaccacc atgccagct aatttttttc atattttttt ggagacaggg tttcgccatg 360
ttgcccaggc tgggtctgaa ctcccagact cgagcaatct gcctgcctca gcctcccaaa 420
gtgctgggat tacaggcgtg agccaccaca tccagcctca aaaacttttt tagnaagtaac 480
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ttttaatngg gaacccatcc 560

<210> 6920
<211> 557
<212> DNA
<213> Homo sapiens

<400> 6920
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caagctccgc ctccgggggt caccattttt cctgcctcag tctcccagat agctgggact 120
ataggcaccg gccaccatga ctggctaatt ttttgtattt ttagtagaga cgaggtctca 180
tagtgtagc caggatggct ttgatctcct gacctcgtga tctgcccggc tcggcctccc 240
aaagtgctag gattacaggc gtgagccacc acgcccggcc cacaatactt taatttttta 300
aaagcacctt ttgtatgtgg aacttgtcaa aagccctgca aaagtgtgaa gaattttatc 360
tatgctccct ttctaactct caccatttat cattgacttt tacgtacaaa aaactattta 420
ataccttctt atgtctgttt caaaaaataa ttttaagtga tcttctgaat cctttttctaa 480
gaccatggaa aataatttca tcttttggnt acctttttca cccggaataa tctttctgga 540
acatctttta nggggag 557

<210> 6921
<211> 561
<212> DNA
<213> Homo sapiens

<400> 6921
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tggttcccca aagtgttgga attacaggca taagccaccg tgccctgcca ttgttaatat 120
taaagtact tcaactgaatc ctaatttttt ggaaaactga tcagaagaca ctatctatgt 180
atcacatatg catatataaa tatccacaat caccataatt tgtgtatttt actaaccagt 240
ttaatacagt tttctggctg tatgagagtc aaaaatcaca taaaaagctt cataaacata 300
tcaaaataat cttttgattg cattagggaa cgtaaataaa agagttcctg gagatattaa 360
gaaattcctg gagactccct tctgggaaaa gcacagaata gtagaaaagg cagtggggct 420
atgagttagg tgctggaggt ctagtcttgg ctccctaact actggcttga cagcaacttg 480

0969469.072300

aacatattca aatctcttta agcttttagtt tctctctata aaatgaagaa tgcngattan 540
ggaactctat tagnccccac c 561

<210> 6922
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6922
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gctggagtac agtggctatt ctcagttaca atcacagctc actgtagcct taaactotta 120
gctcaagcaa tcctcctgcc ttagcctcct gagtagctgg gactataggc atgtgccact 180
atactcagct tagactgcta tttttaatct taaattggct gttatataag caggctttac 240
cttatataca aacttcttaa aggctgagct attttacaat agctaaatac aatagcacca 300
agttgagtcc taagcatata aaagaacatg gatatttttt gaatggatct gaattttaca 360
tatatataat aattgtgtca ttactatit taaaaacatt atgtgattac attttcagca 420
tataagctaa tgacattaat ctaggcataa catctaaca agaatggta agcagtggca 480
acataaacac aatttatatc ctaattcata ggactttatt tttattcctg aaaaaccatt 540
aaacattggn caaa 554

<210> 6923
<211> 557
<212> DNA
<213> Homo sapiens

<400> 6923
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ctcactgcaa cttccgcctc ccaggttcga gcagttctcc tgcctcagcc tcccaagtag 120
ctgggattac aggtgcctgc caccatgccc agctaatttt ttgtattttt agtagagacg 180
gggtttcacc atgttggcca agctggtctc aaactcctga cctcaagcga tccacccaac 240
tcaacctcct aaagtgcctg gattacaggc atgaatcaca aggagatttt cccccottat 300
gctcagcgct tctccttgct gctgccatgt aaagaaggat gtgttttgctt cccctttctg 360
catgattgta agtttctcga aacctcccca gccatgctaa actgtgagtc aattaaacct 420
ccttccatta taaattaccc agtctcaggt atgtctttat tagcactgtg agaacagact 480
taaatacaat attgncatgg catatgacag cactgactaa aagaaaagcc ncttattttac 540
agaatctncc ttctntt 557

<210> 6924
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6924
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aatgtttagt ttgtttctcc tgcagactca gaaaataaat gttttctttt tgctttgcat 180
ttataaactt tttgcaactc aaaaaatctc tttcagtatt caattttaat taatctagcc 240
taaagtataa tactcagcaa tctgtactat tctgacttta aaatcatatc aaatattaat 300

09629469.072800

aacatata	ctcttaagaa	agtacctttc	tttgtaaata	caactgacaa	aatattcagc	360
aaagtgtgta	caatagtgcc	ttgtatacat	gtgtctttct	agagctactt	cagtataatt	420
taacaatcat	tgcacaatag	cagatgtata	atagtttcca	tataaactat	tatctaagct	480
gtaaaatatg	gacatagtca	gcaaatcatt	tctgagaaaa	ggcatagatg	gttatttcca	540
actatctctt	ttaggg					556

<210> 6925

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6925

aaatccaagt	caaagaataa	ctcagctctt	tacagttatt	taaatctgaa	aactatttcc	60
ctgaaaatga	aatttctaag	taatatatga	atcaacttaa	ctagactgaa	acatttaggc	120
tgatcttact	ttatccttta	tctcagtatc	ttacctaacg	gttctatatt	tcaaagcctg	180
acagatttgt	ttggctggca	tgatctgacc	acttcctttc	tatcgagaaa	tacaattttc	240
tcttttgttg	ctgaaagatt	tctgttcacg	cgtatgaacg	tgggtccggt	tacagatttt	300
gaagtgtaaa	tgtaaacatg	gagataatgc	aggtcagtat	tttacatctt	attagatatc	360
tatataaaga	agataagata	gccgggtaca	atggcccatg	cctgtaatct	cagcactttg	420
ggaggacgag	atgcaaggat	tgcttgagtc	caggagtttg	agaccagcct	gggcaacata	480
gtgagacccc	attatttttc	ctttttttct	tttgagacag	agtctcactc	tgncactcan	540
gctanantgc	aatgggcgtg	n				561

<210> 6926

<211> 470

<212> DNA

<213> Homo sapiens

<400> 6926

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aacctccgcc	tcccgggttc	aagtgattct	cctgcctcaa	cctcccaagt	agggtgggact	120
acagggtgtg	gccaccacac	ctggctaatt	tttgtatttt	tagtagagac	gggggttttg	180
catgttggcc	aggctggtct	taaactcccg	acctcaggtg	atccaccgcg	ctcagcttcc	240
cgaagtgtg	ggattacagg	catcagccac	cgtgcccggc	caaaacttct	ttctaattcta	300
tggaattggg	tctgagaact	aggatatgct	tacattttca	cacaaaaaga	attaaggata	360
tggattctac	aaaacatgaa	catcctagag	atagtggaaa	aaacaaattc	ccagtcgtac	420
tcatttatca	tacttctagt	tctttctgag	ggnntanggg	gnaagggnnn		470

<210> 6927

<211> 499

<212> DNA

<213> Homo sapiens

<400> 6927

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cccagggttca	ctccattctc	ctgcctcaac	ctcccgagta	gctgggacta	caggcgcccc	120
ccaccacgcc	cagctaattt	ttgtattttt	agtagagatg	gggtttcacc	gtggtagcca	180
ggatcgtctc	gacctctga	cttcgtggtc	tgctgcctc	ggccttccaa	agtgcaggga	240

ttgcaggtgt	cagccacgac	cacgcccggc	taaccccagc	cctttctaag	agcagaaaaa	300
tggatagatt	tgatgagaga	atcttatgag	aatggtacat	gaatttggat	gtaaaaatcag	360
gttacaaatt	aaagaggcct	taaaagcaat	gaataaataa	acacagccct	gttaggctat	420
tanganggcc	ttggcaatga	gaaaaantaa	atattgaatt	aanggataag	natttcngga	480
tttttggnaa	ttcctgggc					499

<210> 6928

<211> 488

<212> DNA

<213> Homo sapiens

<400> 6928

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caagctccgc	ctcctgggtt	cacgccattc	tcctgccctc	agcctcgga	gtagctggca	120
ctacaggcgg	ccgccaccac	gcctggctaa	tttttgnat	tttttagtag	agacgggggt	180
tcactatgtt	agccaggatg	gtctcgatct	cctgacctca	tgatccgccc	acctcggcct	240
cccaaagtgc	tgggattaca	ggagtgcagg	accgtgccc	gccaacatta	aggagttatt	300
acagtgcctg	tgtgatcacg	gtatcaataa	gttgggttgg	ttttttttaa	aaagagtcac	360
atttttaaaa	tatgnactaa	tttacagatg	aaacggtatg	acaactagga	ttgcttccaa	420
ataatctggn	ggganaagag	ccnggagtta	ccagaatagc	cctgangnga	aanaatgctg	480
ctgggnga						488

<210> 6929

<211> 567

<212> DNA

<213> Homo sapiens

<400> 6929

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agcagtgggtg	aaaaaggccc	ttagaaataa	tttcatctac	tgccctcagg	aaatctgaag	120
cagatctgca	ggcatatctt	atctttgggt	tgtagcttct	accttcctta	caatcccata	180
catttaaaat	tccaatgtat	aagtcttgct	ggcttcatta	caatccacct	cagaataatt	240
agacacagag	caaatttgtg	gataatccaa	ccttagttat	attttcttct	cagtccatga	300
gacaaaaaag	gattcaaaca	aaataaatac	atgcttgaca	aaaatgggac	aaaagaagaa	360
acaaatgaaa	ggaataatga	acctataaat	tttcaaaatc	tataaacatt	gaactaagac	420
ttgatgtact	tgatatacct	gctgncctaa	aattgacttt	catttctcac	aattaatcgc	480
ctttctgnnt	cgacaaggtn	ctaaaatcta	cacaattttt	cagnactgng	taaacctatc	540
cctactaaaa	gaaattttcc	tcgaaga				567

<210> 6930

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6930

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cagtggcgag	atcttggctc	actgcaagct	cctcctcccg	ggttcacgac	attctcctgc	120
ctcagcctcc	cgattagcta	ggactacagg	cccccgccac	cgtgcctggc	taattttttg	180

tat	ttttttan	tgg	gagacggg	gttt	caccct	gttag	ccagg	atgg	tctcta	tctc	ctgacc	240
tcg	tgatccg	ccc	acgttgg	cct	cccaaag	tgct	gggatt	acagg	tgtga	gcc	accgcgc	300
ccg	gccagaa	tat	catat	tt	cactgtt	ttcc	actcca	ttt	ggcaaaa	gcct	acaatt	360
ctt	tggcact	gtat	tctact	cagt	gtgtaa	ttaca	ataat	tgg	cattaag	ata	agtnnga	420
cgg	ctgatat	tct	at	tt	ta	tt	ggacccca	ggg	aaaanag	aaagg	tggtn	480
tca	aaaaaag	cttt	ctaagg	cat	at	tt	ttnt	gaata	acctc	cgg	ttngnga	540
tgnt	tttaang	ggna								ttc	cccaact	554

<210> 6931

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6931

gag	actgggt	gtca	atctgt	cgcc	caggct	agag	tgcagt	ggt	gcaatcc	tgg	ctcattg	60	
caac	ctccac	ctcc	caggct	caag	tgatcc	tccc	gcctca	gcct	ccaag	tag	ctgggac	120	
tac	agacgca	cac	aca	cccc	act	acgtgcc	aacc	actg	tt	atgt	gctgtg	180	
ttt	tggttcg	gtt	act	ttta	ata	ac	ctata	ata	ctgagca	caca	actgcc	240	
agg	gtc	cttt	gga	acccaaa	att	cagagat	tgct	taggaat	aatt	tacccc	caa	agtcaaa	300
taaa	accagt	tag	tca	acat	tttt	tggata	gtca	atttca	gtaa	acactt	ccct	gtc	360
ctat	ctatga	aag	acattat										420
gtg	gacttct	ggc	attccct	aa	aggngcca	tgt	atgactt	gng	ctgggg	gt	gan	ccatggn	480
gncc	atgggc	att	accctn	cct	tttgg	aac	tgg	tacaaac	atg	gggggcna	ac		532

<210> 6932

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6932

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gc	cttccacc	tt	ggtcttcc	aa	agtgtctg	g	attacagg	gg	cagccact	g	tccctgacc	120	
cag	gatcaca	t	cttaattcg	c	ctttgtata	c	ccacacagc	a	ctccacac	a	cacgtggca	180	
ggt	gatgggg	tt	ccagaaa	gt	ttgtgtaa	gg	agtagaaa	a	tccactgtc	a	ttttcacgg	240	
cc	aaagcctg	a	cactacag	c	ttgagaagg	a	aggaattcc	t	tccccatgc	c	ccctcagcat	300	
a	tctcttgta	c	aggtccaag	t	gttcctatt	a	atgctttgt	g	gcttaaact	t	ttttattcct	360	
t	caagttttt	t	gn	ttcttct	c	ttccctgga	a	caagagtct	t	aagngattt	c	actagtcaa	420
a	caacgtaat	g	acacaatac	t	aca	accac	ag	gtatctac	t	atctacagg	g	gnccctnacc	480
t	tttngcact	t	gaggaccag	t	ttatgaaga	c	ag	tttttct	a	tggaccang	g	tttggggntn	540
g	ggggaaggt	t	nggga									556	

<210> 6933

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6933

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catgtgcagg	atgtgcagg	ttgttacata	gataaacatg	tgccatgggtg	ctttgctgca	120
cagatcaacc	cactacctag	gtagtaagcc	cagtatccat	tagctattct	tcctgatgct	180
ctccctcccc	ccacctttcc	ccaggacaga	caccagtgtg	tgttgtttcc	ccgaccaacc	240
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tggttttatg	ttcctgcatt	agtttgctga	ggataatgcc	ttccagctct	atccatgtcc	360
ctgcaaagga	catgatctca	tttcttttca	tggctgcata	agtattccat	ggatatatatg	420
taccacattt	ctttatccag	ctaccattga	tgaaccattg	ggttggattc	catgtccctg	480
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<210> 6934

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6934

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ttgcactgta	accagggaga	tataagaatc	tggtcttagg	tgtggggagt	actcttccat	120
taataaacia	aaggcctact	gtattattaa	ctaagagaaa	gtataatgtg	aatcatgtta	180
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aatttaaata	ctcaggcact	aagcattagc	ctacctgaaa	ctctaggatg	aagtctatgt	300
ctgtattctt	tcttagaaaa	tagcaacaca	gagtaatagt	aaataaacc	aggtattcac	360
cagttaaaac	tgtgaattga	agtgtctcag	tagtagatat	ttatcatgaa	gagggtgatg	420
ccaagtggca	nggaatagg	taatcattan	gantggagct	caaaatatgg	cagcctcatc	480
agaaagacta	ttattattct	ctaagggtta	taagttgggg	ancagttaag	gaagccaaaa	540
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<210> 6935

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6935

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gattacaggc	acgtgccacc	acaccagct	aatttttgta	tttttagtgg	agacgggggt	180
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acctcaaaaa	ctcttccaat	tcagaaatga	ggtaagtata	tcaatggcta	caaggaaaga	360
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ccctggcana	aggagaaaan	tttaattcaa	nttttaattc	aagtttaaaa	aacttcangn	540
ggnntaatgg	n					551

<210> 6936

<211> 542

<212> DNA

<213> Homo sapiens

<400> 6936

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aacccaaatg	caggacaggc	tattatgttc	tgcatgccag	tcaaattacc	aggcattctt	180
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acatgtcatg	ggggtttggg	gtgcatatta	ttttgtcagc	cagataataa	gcatagtacc	300
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gagaatatgt	agtgttcatt	ttctggtcct	gaattagttt	aagtttctta	gaataatggg	480
cctccatctt	atccatgtgc	tgcaaaggat	agaatctcaa	tctttttatg	ntgggtanaa	540
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<210> 6937

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6937

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aaatccagt	gcttggtgtt	gttgatgatg	ttaatgatct	ctggctaaaa	attcaagtaa	180
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<210> 6938

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6938

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cctacatata	attctatagg	tttatgaaag	ctgncagcaa	ttaaaaaata	tttactttca	480
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ctttacccn						549

<210> 6939

<211> 487
<212> DNA
<213> Homo sapiens

<400> 6939
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tatagccgtg tgccaccaca cctggctgat tttgtactt ttgtagaga cgggggttct 180
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aggatatnca gaaaaaggga aaaattttaa tattacatga nggaagacc taaagnatt 360
ntntcaaaag ctaaaatgtc agaattctga atggacattt taccctattg ggaaggatan 420
tattaaangt tggttgacna tnccggaaaa atttgaatgc tnccaggttg tactnggnaa 480
tgtaaaa 487

<210> 6940
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6940
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tttttagtag agatgggggt tcaccatggg ggccaggctg gtctcgaact cctgacctca 240
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tggtntttca tatgcataca accatcctca aacattntgc ccatcagcag ancttctaaa 480
aaggtngaca taccactgg ntatccctt cttggcaant ttaaaccaag ccttgccccg 540
gnaatggnaa 550

<210> 6941
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6941
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cactgtgggt tttcttaatg tatgggtaga ggtggcttta ctattagcca gtgtgaanag 360
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ttaggcttca ggccaaacat ttcatggcaa acctttgggt tatctttttt tccaaatatt 480
tggttgctaa tgattgncc cagaactttc atataaaatg ggnaatccag aaaagaaccn 540
cccntntgct 550

<210> 6942
<211> 535
<212> DNA
<213> Homo sapiens

<400> 6942
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ttacaggtgc acgccaccac gccagctaa tttttgaatt tttagtaaag atgggatttc 180
accatattga tcatgctggt cttgaactcc tgaccttgat atccgcccgc cttggcctcc 240
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ggagccatat tgctttgggg agaccgaagg ctgctgaggg cctcagggca gggttgatat 360
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tccacctnct tttttttgac ccttaaagaa gagaccaact nttagtactg ngtggcaact 480
gngcctgncc ttttacatgg gcaggggact gggtagacaca ttnccccaaa nggnc 535

<210> 6943
<211> 551
<212> DNA
<213> Homo sapiens

<400> 6943
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ttacaggcat gcaccaccac gcctggctaa ttgtattttt agtagagacg gggtttctcc 180
atgttgaggc tggctctgaa ctctgacct caggatgatc tcccgctcg gcctcccga 240
gtgttgggat tacaggcgtg agccaccgtg cccagccaca agtaaatact ttatcccctc 300
atagaagcac acggttttac tgcaattcag tagcttctcc ttttttctt gagacagggt 360
ctcgctccgt cacccaagct ggagtgcagt ggcgcaaaca catctcactg cagcttcaac 420
ctcctgagct caagcaatcc tctgcctcag cttccaaagt gctgggatta cangcgtgtg 480
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actngggtgc n 551

<210> 6944
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6944
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tgctacttat gtctttttgt gcaatagatt gatagtatt catatagtac acttgtgctg 180
aagcattttg gtgaactaag gtagcaatga agctttttat cattttaga agtaaaagta 240
gtaaacaagg gagcagtaag caggttttta ttactattat aactcctatt ataagagttt 300
taaactttcc tattgctggg aactaatttt taaacatgga tcctggattg agtccgtgcc 360
acacttgat gggtacatgt gccagttttg ttatatcttt aactatattt ttaactactt 420
gcccttgatc acctgtgtgt agaaaacaat tagtaaagtt aaatttttca caaacttctc 480

008240.6942960

tttcagctgc tacaagtagt caagagctag gctatittga tagatagcat ttctcatnag 540
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<210> 6945
<211> 498
<212> DNA
<213> Homo sapiens

<400> 6945
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gaggagctcc tgtgtccaca aaaaagcacg cacattctac agctatgcga ttigtctact 180
cggaattgca ttttgaaaaa ctctctccag agtccccttg cagaacgcca ttigtgtctt 240
tagttggttg tagctgggaa acaacaacag aaagaaaagg aactccatcc taagacttct 300
tagaatatct ttggttttga aactactgac cctnaaggat ctaccaccac ccaacctaga 360
atatatatct atatatatct catatatata ttctcactga aaagcanatc attgtttatt 420
tcacttgctt tgntgtcaca tcggaccctt agggatggnn tnnggacacc tggctcttnc 480
ttcttcgtgg gatcctgt 498

<210> 6946
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6946
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agctgggatt acaggcatgc gccaccacgc cgggctaatt ttgtatatt tagtagagac 180
ggggtttctc catgtttggtc aggctgggtc cgaactccgg acctcagggtg atccacctgc 240
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taaagagctt ttttttgttt atTTTTTgag acggagtctc gctctatctc ccaggctgga 360
gtgcagtggg gcgatctcag ctcaactgcaa gctccgcctc ctgggttcat gccattctcc 420
tgcctcagcc tactgagtag ctggggctac atgcgccgc caccacactc ggctaatttt 480
tttgatttt taagtanaaa anggggttca ccacgctngc cnngatggct tgaactnctg 540
acctcngaa 549

<210> 6947
<211> 545
<212> DNA
<213> Homo sapiens

<400> 6947
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ggctcactcc atcttttgcc cctctaggga gcttcggtga tgtggatctg ccttggggca 180
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ggcagagtca tgtggatcac ctgaggtgag gagttcaaga ccagcctaac caacatgttg 300
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tagctactct	ggaggctgag	gcaggagaat	cgcttgaacc	tgggaggcag	aagttgcagt	420
gagccccgaga	tcatgccact	gnacttcacc	tgggggacag	agcaagactc	cgnttcaaaa	480
aaaaaaaaagt	tggggggaag	aacaaatgat	ggaggtggag	agggaacctt	gttggagcca	540
cnaaa						545

<210> 6948

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6948

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tacaggcatg	cgccaccaca	cctggctaata	tttttggtgt	ttttagtaga	catgggggtt	180
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tccaaaaatg	ctgggattac	aggcgtgagc	gaccgtgcct	ggccaaaatt	ctttcacaca	300
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catgaattct	aagactttat	cnaatgggtc	tctgcttcac	attctgacca	ntacttttaa	480
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<210> 6949

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6949

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catcctcagc	ccgctgattt	ttggtctttt	gtcctttgat	ccagcagttc	ccacgtggat	180
gttgactgct	ttctgtcctt	gatgttgatg	ccgtgggcag	tcaggccccg	gocgagggtg	240
tcgcatgctt	ccagcagggg	ctgcctttct	aggagctgct	gccgccgggc	gtcccccggt	300
gcctcgggca	tggccagcgc	aaactgccgg	accttctgcc	ggaaccgcac	cagctcgtcc	360
accacaccat	gcaaggtagc	ctcgtgccc	ctcctgaaac	gtactgntga	tttgccagaa	420
aaaattccaa	cagtttcaaa	aaaactgttc	aaagtangag	atgatggcac	ccaaacacag	480
caggacttct	cggccctttn	aggttccttt	aaggaacgcc	tnagctgccc	attcncgtg	540
ggggttcaag	ggccantn					558

<210> 6950

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6950

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gataaaattt	gagttttcaa	gcaaaaantta	gcattttgga	aaacatacat	ctgccatcct	180

aagcttgaca	gcttctcaat	notgaagact	tatctgatga	gactagtggg	aatattaaga	240
attatgattt	tttgatatgg	tttgataaaa	tgagtcaatt	ttcaggagat	ctgtacaatc	300
taggtaacta	atattttcca	aatggccaat	gacactgntt	taaaagcaaa	aaagtcattc	360
caagtgaag	gtaaaccant	ggatnttatg	tcattgagta	cataaagttc	acaatatggg	420
ctttgattnc	acattacaac	ttttaagaca	acntcaatta	tcaaaaagtta	ctgggttantc	480
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<210> 6951

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6951

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gggactacag	gtgcccacca	ctacgcccgg	ctaatttttt	gtatttttag	tagagacggg	180
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<210> 6952

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6952

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<210> 6953

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6953

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<210> 6954
 <211> 570
 <212> DNA
 <213> Homo sapiens

<400> 6954	
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gactggatgc	tgcggccaaac
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<210> 6955
 <211> 537
 <212> DNA
 <213> Homo sapiens

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cacagatctt	caagcttctg
gcaccctgga	gttccacagt
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<210> 6956
 <211> 561
 <212> DNA
 <213> Homo sapiens

<400> 6956

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actcaacaaa	aaaagacaaa	caaccaattt	aaaaatgggc	aaaggacttg	aatagacatt	480
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<210> 6957

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6957

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<210> 6958

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6958

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caacgttgcc	caagctgggt	ttnaaactcc	taagccttaa	acgatcctat	ggcttaagct	540
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<210> 6959

<211> 553

09629469.072800

<212> DNA
<213> Homo sapiens

<400> 6959

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taagagaact	tcgctTgaaa	aatacaaaata	tacatatTCg	agagcactac	caaattTTtga	240
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aaacagggac	tgatgtggat	atcaacaatg	gnttcacTct	aaaactgagt	TTtagcattt	360
gnttaagtat	atttacctat	ttagtTaaag	cccattacaa	taatctTTtca	ccccattcct	420
tggggnttaa	ggnaattTtc	attttTTtTa	gagatgggat	cttgctatgg	tgncCCCCaa	480
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<210> 6960

<211> 396

<212> DNA

<213> Homo sapiens

<400> 6960

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tcacaggcgt	ctgccaccac	gcctagctaa	ttgTTtTtat	TTTTagtaga	gactaaaaat	180
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cntgagccat	tgcgcccagg	ccctctngna	nttttttaaa	agtggcaagg	gcttgctatt	360
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<210> 6961

<211> 316

<212> DNA

<213> Homo sapiens

<400> 6961

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gggagctTtg	ccatctgcat	ccccactTcc	catagcccag	gcagagggac	agagaaatgg	180
agtggggagc	acagagcagg	ctccaacaag	acaaattccc	tggTgncaaa	ccaccatgat	240
ccactctgac	TTtggnCaca	aactnngnta	aaaacaattc	tntacgtTca	ctgttcccaa	300
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<210> 6962

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6962

008270 69462960

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gatgactcat	tcattaattc	cacaagtcct	tacggagtac	ccactctgag	ccaagtgcag	180
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ggacagacta	cagaaagaag	aatggaaata	atgtggcagg	gacaacagca	gggagaataa	420
accattcttt	aatatcttaa	ttatgaagac	ttcttcttnc	attcttctat	tagagtcnc	480
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<210> 6963

<211> 461

<212> DNA

<213> Homo sapiens

<400> 6963

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tcttgctttg	ttcatttggt	gagatcacgg	ttccctcttt	aggcatgttg	cttatggatg	360
tatattgatg	tctttgcatt	gaagtattat	ttattttattc	caatgttctc	tgactgggct	420
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<210> 6964

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6964

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tcatgaagtc	ccaatgcagg	gtgacaagtg	acacctgaga	ctatttncag	ggaagatccc	480
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<210> 6965

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6965

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cttccttca						549

<210> 6966
 <211> 533
 <212> DNA
 <213> Homo sapiens

<400> 6966	
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tcccaaagta	ctgggattac
ttcatttctt	ttgaacatgt
tcttaaccag	tcctctggct
ctcattcttg	tggggctgta
ctacaaccct	gggctgnaca
ttgcccaggc	tggagtgcag
tcccgcgtc	agcctcccca
ttttttaatt	ttttttaga
tggcctcaa	gcaatcctcc
caccgtgcct	ggccaacatt
taatctccat	cttagaaaat
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tgagctcttg	aaacccaagg
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<210> 6967
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 6967	
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ctgattatgt	ccaagttaa
ttatacagta	atgtaacacc
ttggtatttc	acttaacttt
tctgggtgtg	tgtgtgtgtg
ggacagtaca	accaaagat
cagtgatctt	ttcataaaga
tcagtatcca	catatgtaaa
acatacacat	tttacttctg
tgagagccat	gtcgtcaaca
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gtttttacta	caaaaatgta
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<210> 6968
 <211> 543
 <212> DNA
 <213> Homo sapiens

<400> 6968

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acgggggttc	tccatgttga	tgggctcgt	cttcaactcc	tgatctcagg	tgatctgac	240
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<210> 6969

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6969

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tattaggcgt	gtgccaccac	gcccgggtta	ttttgtatt	gttagtagag	ttggggtttt	180
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cccaaagtgc	tgggattaca	ggcgtgagcc	accacgcca	gcctgtaaat	cttgacaaaa	300
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gcttttccat	ttatttcaca	ttgcctcttc	ttagaatcca	cttctacacc	aaagcagtta	420
aaatcaatgt	ggatttgtat	tttaatataga	gggttatggg	agtagtggga	aaggtagcaa	480
ataataacta	tggttatttg	atctactggt	cctaacattt	ggacctatcc	aatcatttaa	540
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<210> 6970

<211> 330

<212> DNA

<213> Homo sapiens

<400> 6970

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taatcccagc	actttgggag	gctgaggcaa	gaagactgnt	tgaggctagg	agttccaggc	180
aagcctgggc	aacatagnga	ccctcatntt	tncaaaaaat	taaaaaatta	gttgggcatg	240
gnggnntatg	cctgtagccc	ctggctatta	gggaggctga	ggtaggagga	ctgnttgagt	300
ccnggaggtc	aaggctgcan	tgagccaana				330

<210> 6971

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6971

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ctcaagcgat	ccacctgcct	cggcctccca	aagtgccagg	attacaggcg	tgagccaccg	120
cgcctggcca	cacaaggcat	tttggcatta	acgtatcaag	tcttaaaaat	ctgtatatca	180
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cactctgttg	cccaggttgg	aggacagtgg	ccccattgtg	ggtTactgca	atcttgacct	480
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<210> 6972

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6972

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atgaatttta	atcattttaag	gnttaatggn	aaattttctg	ggttaaacct	acttatntta	540
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<210> 6973

<211> 535

<212> DNA

<213> Homo sapiens

<400> 6973

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gaagggtttt	atcaggggtt	tccactttta	catcttcctc	aattttctct	gccgccccca	480
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<210> 6974

<211> 533

<212> DNA

<213> Homo sapiens

<400> 6974

009270.6962960

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aagcgatcct	cccacctcag	cctcacaagt	agctggaact	acaggcatgc	gccaccatgc		120
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tatttttaaa	gacnagaagg	gaaagagaac	aggttcttgc	aaagagaggt	acagctngat		480
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<210> 6975

<211> 514

<212> DNA

<213> Homo sapiens

<400> 6975

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gaagcacctc	cttaggaggg	gagcagggcc	atctccacgt	tgtcaggggc	cgcgcccgtt	420
gcctgccaga	ccctggggcc	acttgtgcan	gcggctgtan	antgggaagc	cctgggtntn	480
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<210> 6976

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6976

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<210> 6977

<211> 541

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 6977

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<210> 6978

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6978

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gcagcctcct	ccttggagcc	ccaccctttg	cgttttttgg	atcaagggag	ttaaaacagt	180
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<210> 6979

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6979

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<210> 6980

<211> 504

009270 69762960

<212> DNA

<213> Homo sapiens

<400> 6980

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<210> 6981

<211> 511

<212> DNA

<213> Homo sapiens

<400> 6981

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<210> 6982

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6982

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ggtaaagtca	gaaaggatgt	gaactgagaa	gactgcanaa	agtttctggt	aagggaaaaa	480
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<210> 6983

<211> 541

09629469.072800

<212> DNA
<213> Homo sapiens

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a 541

<210> 6984
<211> 541
<212> DNA
<213> Homo sapiens

<400> 6984
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n 541

<210> 6985
<211> 539
<212> DNA
<213> Homo sapiens

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ctgttatagc tgggaggaaa catgggtgtc acctacttca acactttaat ttccgagatg 480
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09629469.072800

<210> 6986
 <211> 534
 <212> DNA
 <213> Homo sapiens

<400> 6986
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 ttttagtaat acccttgagc ttatgggagt ggaagtttgt attttttttt ttccaaagta 240
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 ctcttctga atccctattt ttttttgaat ggccgaatan gaaaaattaa aatctgaaaa 480
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<210> 6987
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 <212> DNA
 <213> Homo sapiens

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<210> 6988
 <211> 536
 <212> DNA
 <213> Homo sapiens

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<212> DNA
<213> Homo sapiens

<400> 6989
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<210> 6990
<211> 540
<212> DNA
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<210> 6991
<211> 530
<212> DNA
<213> Homo sapiens

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<210> 6992
<211> 563
<212> DNA
<213> Homo sapiens

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cacctgaggt caggagttag agaccagtct gccaacatgg agaaacctgn ctntactaaa 480
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<210> 6993
<211> 557
<212> DNA
<213> Homo sapiens

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<210> 6994
<211> 564
<212> DNA
<213> Homo sapiens

<400> 6994
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 <212> DNA
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ctttagggtt	ttcaaagtaa
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<210> 6996
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 <212> DNA
 <213> Homo sapiens

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 <211> 549
 <212> DNA
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<211> 385

<212> DNA

<213> Homo sapiens

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<210> 7002

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7002

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<211> 553

<212> DNA

<213> Homo sapiens

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aggtt	gtggt	gagctga	cat	ggtgcc	attg	cactcca	aacc	taggca	acaa	420
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<210> 7004

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7004

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gactct	cagc	acttgt	gcac	aatgaa	agag	gaaatc	gttt	ttaaaa	aatg	tctata	acag	180
aggata	caaaa	tcaaaa	aggc	agcaac	aaca	acattg	gcga	ggtggg	aaaag	ggagc	agagc	240
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gaactt	caac	atttag	atgg	gttcca	aatc	ctatgt	caaa	ataca	atcct	aatct	ctctg	360
atcagg	gtca	gtcaga	atca	gcaatc	ccttt	tccac	agtgc	cctgc	ataga	aaact	ccaat	420
ctttcc	atga	taggg	agtct	aagcaa	agag	ccccac	cctt	tcacct	ggca	ccaa	agtta	480
cttact	ctta	ccccac	cact	ttggg	acaag	acgttt	ggcc	ccagca	acaa	acca	accct	540
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<210> 7005

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7005

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cggggt	tttcg	ccatgt	tggc	caggct	ggtc	tcaa	actc	gt	aacct	caagt	gatcc	240
cctcag	cttc	caaagt	gtct	gggat	gacag	acgtg	agcca	ccatg	cctgg	tcatg	ttttc	300
tgtttt	tttt	taagac	aggg	tctact	ctg	ttgcc	caggc	aggagt	gcag	tgtca	cagtc	360
atggct	cact	gcagc	ctcaa	cctcct	gggc	tccag	caatc	ctcct	ccttc	ctcag	cctct	420
agagta	gctg	ggacca	aaagg	tgtac	gccac	cacac	ctagc	ttatta	aattt	ttgt	aggga	480
aagggt	ctg	atctg	gttgc	taagc	tgggc	tttaa	actcc	ggncc	taaac	gatcc	ttctt	540
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<210> 7006

<211> 557

<212> DNA

<213> Homo sapiens

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<400> 7006

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<210> 7007

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7007

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<210> 7008

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7008

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acttatgcc	cctggngggc	agcccagata	acactaataa	aacctaaaat	tcatgngtta	360
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<210> 7009

0002240" 69463960

<211> 566
<212> DNA
<213> Homo sapiens

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<211> 564
<212> DNA
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<210> 7011
<211> 565
<212> DNA
<213> Homo sapiens

<400> 7011
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565

<210> 7012

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7012

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<210> 7013

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7013

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<210> 7014

<211> 565

<212> DNA

<213> Homo sapiens

<400> 7014

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catgaggaga	ctgaggcttt	gggaggtaat	taatttgctc	tagctcacac	aggtagcaac	360

tagtggactg	gaattggaac	ccagtcagtc	ttgattccag	acccaagtta	ttataaccacc	420
cctcgcccag	aagttctcat	gtgggctaca	cttcaagagt	taagtcttgt	ttgaatctcc	480
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gaatgaangg	nccaatggac	caatg				565

<210> 7015
 <211> 562
 <212> DNA
 <213> Homo sapiens

<400> 7015						
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actacctccg	cttcccgggt	tcaagtgtat	ctcctgcctc	tgctcctga	gtagggtggga	120
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<210> 7016
 <211> 577
 <212> DNA
 <213> Homo sapiens

<400> 7016						
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aagtgaacc	ccaggggggtg	aaaacaggac	tttcaacacc	taatcctgna	ataattttta	540
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<210> 7017
 <211> 572
 <212> DNA
 <213> Homo sapiens

<400> 7017						
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attccccac	cttggcctcc	caaagtgtca	ggattacagg	catgcgccac	cacaccagc	120
aaatttcttg	tctttttgta	aaactcaatt	gaaagtattc	catcttgaca	ttctgacagt	180

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catcaagcca	caatgaagat	acagaatatt	ctcatcatgc	ccagaaagtt	cccttgtacc	480
cactggtagg	gagtcctttc	ttcacaccca	acccangcaa	cacagacatg	ccntntgncc	540
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<210> 7018

<211> 244

<212> DNA

<213> Homo sapiens

<400> 7018

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acaagcacct	gccaccacac	ccggctaatt	tttttgtatt	tttaatagag	atggggtttg	180
accacgttgg	ccaggctggg	cttgaacncc	cgacctggag	aactgnccac	gnnggncgnc	240
naaa						244

<210> 7019

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7019

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tgcaacctcc	gcctcccggg	ttcaggcgat	tctcctgcct	cagcttcccg	agtagctggc	120
gcatgccacc	acaccgcct	aatatttgta	tttttttttt	tttttagagat	ggggtttcac	180
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<210> 7020

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7020

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tagcgatcag	agagcactga	ttgcttcggg	agttccagaa	atgttattgc	tgggtantca	480
nggncaggat	ctcaataagt	tttcctgatg	aagactttat	atgcttaact	tccaataatt	540
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<210> 7021
 <211> 568
 <212> DNA
 <213> Homo sapiens

<400> 7021	
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gatgatgttg	gacagacaag
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tccaacttcc	aagagaaaac
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<210> 7022
 <211> 556
 <212> DNA
 <213> Homo sapiens

<400> 7022	
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accatgttgg	tcaggctagt
caaagtgcgt	ggattacagg
tttttcacac	accgttgco
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<210> 7023
 <211> 561
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<400> 7023	
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caatatgctg	gaattattgg	catgagccac	catgcccggc	tcaaaataat	agttttgaga	300
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catttgctgg	gctaaaaaat	taattacagg	ccctnaacag	caaaatgcat	tggaacagang	480
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<210> 7024

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7024

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gggttatggg	cacatgacat	cacgctcggc	tttttttttt	tttttttttag	atggagtctc	360
gctgttgncc	aggctggaat	gcaatgggta	cgatcttggc	tcactgcaac	ctccaccttt	420
gggttcaagc	gattttcctg	cctaaccctc	ccagtancctg	ggatacaggc	gccccaacacc	480
acgttggcta	aatttttgat	ttttgggnagg	catgaggttc	nccatgtttg	caagctggtc	540
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<210> 7025

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7025

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gaatacttca	taaagacata	aaacctggct	tttgacggac	ttagngacat	ttttaaaagng	480
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<210> 7026

<211> 544

<212> DNA

<213> Homo sapiens

003240.69462960

<400> 7026

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aaaaaaggaa	ggatatggca	ggagccatta	ttcttattgt	ccagaagaac	ctgatactca	360
gaatttattt	atatttttta	aaaaaagaga	cagtcttgct	atgtgcccc	acctggtttt	420
gaactcttgg	nctcagctga	caattttttt	ttttgagaca	gagttcactc	ttgtgcntan	480
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<210> 7027

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7027

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<210> 7028

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7028

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aaggaaaaat	tgcccatgat	gctgagataa	taccagtgtt	tttagtggt	gaaaatatta	180
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taccatgaag	gtctaaatgt	aagatgactg	taggacttga	aacaaaaaaa	aattaaaaag	480
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<210> 7029

<211> 560

09629469.072300

<212> DNA
<213> Homo sapiens

<400> 7029

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<210> 7030
<211> 557
<212> DNA
<213> Homo sapiens

<400> 7030

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agaattcttc	cggtcgcggg	gtatgggaaa	ccaaaatggc	ttccacaaaa	agaaagtaac	420
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<210> 7031
<211> 558
<212> DNA
<213> Homo sapiens

<400> 7031

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gatctcctgc	acgttgtggg	gcaactcggg	gcaggcgggt	agctgcgggt	cagggcctng	360
gcgcgggtca	acacgtcctc	acgcttaagn	ttcataggca	agcttcgtga	tgggcttgag	420
gatcttaatt	ggagnccaaa	nccggacagc	atggaggggg	ncccttttca	tgtccaagaa	480
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<210> 7032
<211> 538
<212> DNA
<213> Homo sapiens

<400> 7032
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ttttattcta caaatgaaat gaataaaaat acctgaaatg gaacggaatg gctacagcga 180
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cccaaacaca caggggcctc tcacccaaag gccatgatgc ctttggctta atacngaata 420
aacccaatcc tgtccaaaca gcttctcang gngcatgttt ttgaaagggg caaaanatan 480
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<210> 7033
<211> 488
<212> DNA
<213> Homo sapiens

<400> 7033
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tacaagcgcg cactaccaca cccaactaat ttttgtattt ttagtaaaga cagagtttca 180
ccatgttgggt caggctgggtc tcaatctctt gacctcgtga tctgccgggc ttgacctccc 240
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ggagccagga ttggtttcag ttgcttgga a ctgagaagcc tgactgacag tgggtgactat 360
gacttgcatt agaaataaaa gatcaactgac tctaaaagca atgccattaa tcaggaggat 420
ttttctcagt gcacacnggc cgtagtgna aatggatnan taaatnctng agnttcaaaa 480
aattagct 488

<210> 7034
<211> 570
<212> DNA
<213> Homo sapiens

<400> 7034
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tacaggcgcc cgccaccaca cccggctaatt ttttgtatt ttagtagag aggggggttt 180
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gtgcaagttc tagntactcc acattcttnc acatnacttt ggtcaaggtc aagtttttct 480
attttagctg anggngnggg gggcttacta atgggttttt tgggttgggt ttttgggaag 540

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<210> 7035

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7035

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ctatggccag	cagcttggtt	tctcccagaa	tcagtttaca	gacttgctca	gcctgcggga	180
gggcccaggg	atcatgcagg	aagaaaaacg	aatacgcttg	attctggaat	tggtcatttt	240
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cccgaccac	aggggttcac	ttacaggtn	cccaccttgc	agcaacagt	angctcaaag	480
tcaccacac	ttcatacatn	cctttggtca	tacctgcct	gnatggggnt	tcggntacct	540
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<210> 7036

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7036

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gcagaagctg	gtcagaacct	tcttgatcac	agccccagtt	agatacaggg	aagagtggcg	180
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<210> 7037

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7037

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<210> 7038
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gtacaatttt	ctattgttgc
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<210> 7039
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ttcantggat	ctagggtgga
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ncng	
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	60
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	360
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	540
	544

<210> 7040
 <211> 564
 <212> DNA
 <213> Homo sapiens

<400> 7040	
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	tcgatctctg
	aactcgtgat
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	120
	180
	240

0092270.59462960

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<210> 7041

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7041

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<210> 7042

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7042

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<210> 7043

<211> 571

<212> DNA

<213> Homo sapiens

<400> 7043

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<210> 7044

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7044

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<210> 7045

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7045

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gattagacaa	tatttaaacac	tatcttattg	tgatgtacca	ataaacaaaa	caaaacaaaa	180
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<210> 7046

<211> 571

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 7046

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tgatggccgc	cctgctaggg	ctcttccctc	gcctcctgga	gctcctccct	tcctcctctc	420
ctgtattgct	gggcccagcc	taatgtggaa	gaagagtaaa	gctgagctag	aagtattttc	480
tgcttggtgc	cccaccaatt	taaacacatt	aaatttggaa	tggaagtctt	gncctttggat	540
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<210> 7047

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7047

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atgaggtctc	tctgtgttgt	ccaggctggg	accaatctca	tgggctcaag	cgatcctcct	240
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atgttactaa	tatgacgaac	tgaatttatg	gatccctaag	tttagtagaa	taaaatttca	360
gatttcataa	aaagactaac	ataaaagata	ttgatcattc	ttttaggcct	cctaagtaag	420
atttaagcaa	agcataaatt	tctgggatat	tctcagttca	aacacacact	nttactgatg	480
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<210> 7048

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7048

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gcctagtatt	attatgcacc	catttctaga	gtaaaaaac	tacacctccc	tcaacatcag	180
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tcctcaaagc	tatcttcaaa	gccctcactg	tcctcctggg	cttcatcccc	ctctattgct	360
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ggtttaatct	gatccaaacc	catataggag	tctgatctca	gaaacacagt	atactgataa	480
tttccaggct	tgcttggtgc	aggaaacttc	aacttntacc	tcaggaaagt	aaaggctntn	540
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<210> 7049

<211> 563
<212> DNA
<213> Homo sapiens

<400> 7049
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gatgtggcat tctacataaa ctacaggatc aggcttttct gggacagtgg gtctgctgga 180
gccaagagtg gaacagcaca agacaacatc agcaaaccct ggcgcaccta accgcgggct 240
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tcaaagcaaa atatgaactt ataggaaagg agggccctgg actggcagga agagagagac 480
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gtgactntgc cttanccngg gtg 563

<210> 7050
<211> 566
<212> DNA
<213> Homo sapiens

<400> 7050
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gtagccagtg atttgcgctc agaggaggta ataggacaaa aaaaaaaaaa aaaaaaaagc 180
cgtatgtgca aaaggaagag cttcaaagaa gtccgtaggg aaggagtgcac tgcgacgcag 240
tgaaggccat tagtcaggag tgtgggtggg gagggagagg gcagctttcc tgtgccacaa 300
gaagatggga gttgggtgga ctcaagaact cagggtgat gtttgagtcc atgctctttc 360
aatgatagac acacatacct gaaagcagcc aatctccatt aaaaatgtgt gttcttttcc 420
tcaaaggaga tacaatagac atcagaaaaga tatgattatt tcagctacca aagtgtcttg 480
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ctaagnttta agcncagntt ttatta 566

<210> 7051
<211> 562
<212> DNA
<213> Homo sapiens

<400> 7051
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ttgccagcct gtgtctttta attgggtcat ttagccctt tacatttaag gttaatattg 180
ttatctgtga atttgatcct gtcattatga tgctagctgg ttattttgcc tgttagttga 240
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accagtttcc ctttccatat tcagtgtctc cttcagtagc tcttataagg caggcctggg 360
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562

<210> 7052

<211> 536

<212> DNA

<213> Homo sapiens

<400> 7052

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tacaggngtg	ngccaccatg	tccagccaat	tttttgattt	tttagtanan	atggggtttc	180
accatgctgg	ccaggctggg	ctcgaaactcc	tgacctcgng	atccggcctc	ctnagccctc	240
caaagngttg	ggattacagg	catgagccac	tgcgccctggc	catcaaaacg	tatntntntt	300
cactccagga	agttctcctt	tctagttaat	gaatgtctna	cctgaccacc	tgaggcaaac	360
agngttttca	ttnttaccac	cacagatcac	tttttgcttt	ttcttgaact	tcacataaat	420
ggaatcattc	aagtaagtac	ttgtnatata	gcatatnttn	gggtcattca	tggtttgctt	480
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<210> 7053

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7053

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tcacgggtgc	ccatcaccat	gtctggctac	ttttttgtat	ttttagtaga	gacaggtttc	180
accaagttgg	ccaggctggg	cttcaactcc	tgacctcagg	tgatctgccc	acctcacctc	240
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gaaagttcac	tgcccttggc	caaactgact	ttgagacctt	tttgggaggg	atagtgtctt	360
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gcatttgctt	tatttttaata	tngattacat	ggangtactg	gtggtctttt	aacatgaagg	540
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<210> 7054

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7054

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cgggggtttta	ccgtgtttgc	aaggctgggc	tcaaattcct	gacctcaggt	gatctatctg	240
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cctctttaat	gtctgtgagc	tccccaaagg	cagagacacc	ctctagtgcc	tggcaccgcc	360
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agggggctgc	gtctgcccag	tttaccagtg	cgttcttgtc	acccagcacg	ggctggccag	480
cgagtatcga	cacanggttt	gctgancgga	ngaataaacc	ctgctttgtg	gtggaaggga	540
acaagtggca	aggaaaaccg	gacccctt				568

<210> 7055
 <211> 563
 <212> DNA
 <213> Homo sapiens

<400> 7055						
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gtagctgaga	ctacaggtgc	acgccaccat	gcccgggctaa	tttttgattt	tttatagaga	180
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<210> 7056
 <211> 555
 <212> DNA
 <213> Homo sapiens

<400> 7056						
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ctattgggac	atctcacttc	agtcaggang	aacnggatca	nggtcttgct	taaaanaacc	480
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<210> 7057
 <211> 564
 <212> DNA
 <213> Homo sapiens

<400> 7057						
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caccaccac	catgcctggc	tatttttgta	gttttagtag	agactgggtt	tcaccatatt	180
catcaggctg	gtctcaaact	cctgacctca	ggtgattcat	ccgcctctgc	cagaatttct	240

ctttaaat	tc	caaat	ct	tcaccatt	ga	tattttt	cat	ctttgact	tg	aagttaca	aaa	ctaact	tcag	300
caatcaat	ct	tcaccatt	ga	tattttt	cat	ctttgact	tg	aagttaca	aaa	ctaact	tcag	360		
caggaat	tatt	gaattat	tattgg	ataat	ctattac	aca	gtgaaa	actg	taatat	atgt	420			
ttgctac	att	tatatata	aaa	aacatc	cctca	tgacta	atga	agcctnc	ccta	gtctta	actg	480		
aacaaant	gg	actcaata	aaa	tatgctt	atg	gcaatt	tataa	aaaggg	gaan	ggaccaa	atc	540		
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<210> 7058
 <211> 564
 <212> DNA
 <213> Homo sapiens

<400> 7058														
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agttgt	taggt	agggact	atg	ttttct	atccc	cttagg	acct	aacagag	cca	aacaaga	gtg	180		
cagaga	aagat	gctcag	attt	tctgata	atg	atacta	atgc	ttcagt	ctta	cacctc	acc	240		
tcttct	cagg	cactcct	gag	ctttgt	taag	tcattct	att	tgtttt	catg	ccagtt	gggt	300		
aaaggc	tttc	gtttct	attt	agagg	tgaaa	ctagag	ctac	agagat	gac	attagc	caac	360		
catga	agaga	attctag	ttt	cctatg	tgt	attaact	tagt	ctgcgt	ccaa	gtataa	agaa	420		
ggtgc	ttatg	cttggc	gtg	aataaa	ataa	gttgcc	agtg	ctgatc	ccct	tctctc	ctcc	480		
tcttct	tcac	atcttg	gtct	gggcct	tacc	tggcag	cttn	cctcttt	ctg	gttgg	attga	540		
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<210> 7059
 <211> 562
 <212> DNA
 <213> Homo sapiens

<400> 7059														
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aaaga	attat	gtcctg	caga	aaacatt	ctg	agtact	tatt	ttttttt	tca	gttctt	acaa	180		
ggcatt	ctaa	atgtaa	agaa	gttaatt	cat	aatatat	aat	agatgc	ccta	gcacag	atgt	240		
cttagt	tctg	gctgct	acta	acaaaa	aatac	catagac	ccgg	gtggct	caca	caacaa	acat	300		
ttctca	tagt	tctagag	gct	gggtt	ctata	gacctc	caa	gaccagg	gtt	ccatca	tgg	360		
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tatgg	cagag	aagtag	acag	aaaga	acang	aactct	gggg	ctcta	atccc	attng	aggg	480		
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<210> 7060
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 7060														
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0002270" 69462960

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cgataatttt	ttttttgtan	anacnagggt	ctcaccatgt	tgcccaaaat	gggctcgaac	360
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<210> 7061
 <211> 556
 <212> DNA
 <213> Homo sapiens

<400> 7061	
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<210> 7062
 <211> 540
 <212> DNA
 <213> Homo sapiens

<400> 7062	
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gcctcccaaa	gtgctgggat
tttaacatgc	caagaagaca
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<210> 7063
 <211> 553
 <212> DNA
 <213> Homo sapiens

<400> 7063	
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gnggntttgg	gtgggtgggg	actacttgca	tgtaggggta	aaangccagg	gatgctctna	480
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<210> 7064

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7064

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tacaagcgtg	caccaccata	cctggctaata	ttttgtattt	tcagtagaga	tgggggttctg	180
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tgaaggcact	ttccttgggt	caggngatcg	gcccttggct	ttaaggaaca	tgtnggggtca	540
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<210> 7065

<211> 523

<212> DNA

<213> Homo sapiens

<400> 7065

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acaacacaat	gccagttcaa	gttcaaggga	agtgttccat	cctctttcag	cctccactca	180
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ttgaagaaaa	gaacagagtt	tgggcaacac	ttggggaaat	aaattccaca	gcctttcacc	420
aagttgaaat	cttggctttg	gacacacata	aaaatgacct	ggnccaatct	taactnttna	480
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<210> 7066

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7066

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ctctggggca	ggggtgccc	gggagggttc	ctcttggtga	acgcaggcgt	taatgagcca	180
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tatgtacaaa	ttatgttaaat	ataacggagg	taaatgaaag	tcaaatacat	tggcatgtaa	420
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<210> 7067

<211> 501

<212> DNA

<213> Homo sapiens

<400> 7067

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tgcaaccacc	ggtcttcacc	ggattcacag	tcggaaccgc	gagcaaagac	acctagtaga	180
gccggccgat	tcctagggtc	tccggctagg	aggcgcctgc	ggccagtcct	cggggggcca	240
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cggcccagct	tccccatctg	cggccaggca	naactgcccc	gagagaccag	cagcaacgnn	420
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<210> 7068

<211> 554

<212> DNA

<213> Homo sapiens

<400> 7068

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tacaggcgcc	cgccaccacg	cccagctaatt	ttgttttttt	tgtattttta	ggagcgacag	180
ggtttcaccg	tgttagccag	gttggctctg	atctcctgac	ctcgtgatcc	gcccgcctca	240
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ctcctcccag	gatccggagc	aggagggttg	ctgncttttg	cgttcaatcc	gctgggctgc	420
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ggacagacgg	cnanccttga	tcaggaaaagg	ccaaccngg	ccaaaggctt	ggactctggt	540
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<210> 7069

<211> 531

<212> DNA

<213> Homo sapiens

09629459.072800

<400> 7069

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gaaacaggaa	aaggagagca	agtgaagagt	aatcggcgaa	gccatcacct	aatgaaggag	300
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tcaccagacc	tgcacaagct	tcttcttaca	gatacaacgc	tgactcantg	tgaaggccct	480
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<210> 7070

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7070

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aagagaaaac	ccacacaaaa	aaaatgaaac	taagagattc	tgaaagcagc	atttcctaata	180
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ccaccagaag	agctcatttt	cctagtgcct	gccaggtttt	tttctacaat	gctcacagca	300
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tttctggttg	gaatacttca	gaaatgaaaa	agtattttca	atttaaatta	aattaaattt	420
ccaattaagt	cacagagaac	tgnacttnaa	canggaatct	cttttactnt	anccctttac	480
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<210> 7071

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7071

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ccgagtagct	gggactacag	gcgcccacca	ccacaccggg	ctaattttct	gtatttttag	180
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gcttattaca	aagaacagac	tgttttgaca	atttcagatc	atcattacca	atattaagtt	420
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<210> 7072

<211> 559

09629469.072800

<212> DNA
<213> Homo sapiens

<400> 7072

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ctttcaatgc	ttgcagatga	gaaaatctgc	tncaatgggt	ttttttttt	tctcctttgg	420
caaagggtta	atttattctg	ggggaggccc	ttgagaattt	atctggggat	ttcaagaatg	480
tccccaggan	aatgccaagg	gggggctttt	tnnttaagna	acccttgctt	ggactttacc	540
aaactttact	gggcaaacn					559

<210> 7073
<211> 554
<212> DNA
<213> Homo sapiens

<400> 7073

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tgtcacatct	tgagttagca	tgatcataga	ctccatggag	cacatttaca	actgggaaca	300
caaagtctgt	tcacttttcc	caggcctggg	ccattacctg	aagattagga	cacccaatga	360
tacattctac	tttaatttta	cacttcagac	ttctaggagt	cttgcatctg	ttttccagca	420
gccacaaaag	acattctcta	attacttctg	aatgaaaaac	agagactttt	aatttctntgc	480
aaagacatgc	atgcactaca	tacactttta	gaccctgggg	tggctcaatt	tctggnaaaa	540
ctggactttt	cctn					554

<210> 7074
<211> 530
<212> DNA
<213> Homo sapiens

<400> 7074

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ggtagctgga	accacaggta	cgcaccacca	cacctggcgg	ggtttttggt	ttttagagaga	180
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gtcagatggc	agagccagca	taagttgtca	aggcagaggg	ccacaatcct	ggtgaccttn	420
tcaagtgggg	ggctgcctgn	ctgnggttct	gagnccccac	tangggatcc	ccattncctt	480
gggttgaccc	gttttttgcc	ttttttaaac	cgggggtccct	ggcntgncct		530

<210> 7075
<211> 254
<212> DNA
<213> Homo sapiens

<400> 7075
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gagagaccaa ttccacgtga ggtcccagaa gtgttgatct aaacaagttg accccataga 180
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ggggggnnngn nnnn 254

<210> 7076
<211> 533
<212> DNA
<213> Homo sapiens

<400> 7076
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caacctccac cttccaggct caagngatcc tcctgcctna gcctccanag aagctgggac 120
tacagggtaca cgccaccata ccagctaatt tttttgnaat ttttgtnag gcgggggtttt 180
gccatgttgc ccaggctggg cttgaactgc tgagctcaag caatccaccc cccttggcct 240
cccaaagngt tgggattata ggcatgagcc atggcaccca gcctatttng catacttctt 300
tactgattca ttaagtgcga gtctaattag cattacagat tatgagtaat aactttatta 360
tctaggnctc tactgngtag cacctcctct gntacattgg tacttnccta agggcattct 420
tctntgacca ccccatntaa gctggaactc cttgctggng gatcctagga ctatacccta 480
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<210> 7077
<211> 549
<212> DNA
<213> Homo sapiens

<400> 7077
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gcctctcaag tgctgggatt ataggtgtga gctaccgcac ccagccaaga gtcaatctgt 300
gatccctaag attcttattg cctagtaaag atgaaagatg aaaaagagat aacaatgaaa 360
acatgagggc atggcagagt aaaataggaa gaaaagtcca gaatatggna ttacagaggc 420
agggattaga aatatttncc tgataagtgg gtttcanong angnagtatt aacaagctaa 480
ngggcttttg aaaaatctgg gcatttttgg ctgtaccaag atttgcaggt tcaaanggan 540
ttttggggg 549

<210> 7078
<211> 560
<212> DNA

<213> Homo sapiens

<400> 7078

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gcaggcgggg	agggccaagc	ccttcttagg	gagtttcagt	ctggaagatg	ctcagcctgg	120
gagatgccgg	ccaggaagcc	tgggaaattc	ctcccctctg	caggccccac	cccgtgctaa	180
tcctggctcc	acctcacctc	cgcccagctt	ctcctggact	cacatgactt	ttctatatgt	240
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<210> 7079

<211> 383

<212> DNA

<213> Homo sapiens

<400> 7079

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gggagaggca	ggaagaggca	gtagagggaa	atgacatttg	cactcagggt	tcccgccctt	180
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cggcctcccc	acatnactgn	ccttnatgca	cttgcatctt	taaggctgcc	agcttannag	360
ctccctgnac	attncctggc	caa				383

<210> 7080

<211> 520

<212> DNA

<213> Homo sapiens

<400> 7080

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ctgggactac	aggcgccgcg	caccgcgccc	ggctaatttt	ttgnattttt	ttagtanana	180
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tgacttcttt	tcctggcaat	tcatagactt	catcttggtt	tgcatccatt	gctgggtgagc	420
tggnatattt	tggggggngg	taaaaaaccc	tggtttggca	tattaccnga	atgggttttc	480
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<210> 7081

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7081

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acagactggc	taaaacattn	canaagagac	ttaaagaggt	gcngacntaa	aacanttggt	540
ggcnaaagca	agggcncctg	gacaagg				567

<210> 7082

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7082

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ctcctaggtg	gaatgttgaa	tttgattttg	aattctctct	tcaacatttt	cagcataaaa	180
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<210> 7083

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7083

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tcacatatct	naccattgct	tggacatcta	aactcagcat	ggtctaaact	naacacttac	540
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<210> 7084

0952462960

<211> 578
<212> DNA
<213> Homo sapiens

<400> 7084
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aggggaaaca agggaccttc ttcataaggc anatgaagga aaattaatgc nggaggggact 540
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<210> 7085
<211> 563
<212> DNA
<213> Homo sapiens

<400> 7085
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tatacaaaac taaaaaccag aaggattcat tcttgctttt tcctttttta aaaaatccag 180
acatttgtca caagaaagtt cggcatgtga tagcagctgt agcctcagtc accctcagaa 240
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tgcaggttgn tgaaatggct ttgataaatt gacatcaggg aacnttcttg gnagnccctg 540
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<210> 7086
<211> 485
<212> DNA
<213> Homo sapiens

<400> 7086
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gacaa 485

009270.69462960

<210> 7087
<211> 396
<212> DNA
<213> Homo sapiens

<400> 7087
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<210> 7088
<211> 580
<212> DNA
<213> Homo sapiens

<400> 7088
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<210> 7089
<211> 569
<212> DNA
<213> Homo sapiens

<400> 7089
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aacctntacc tcccagagtc aagcgattct tctgcctcag ccacccaagt agctgggatt 420
acaggcatgc accaccacgc ccggntaatc tggattttta ggtanaaaca ggggttcacc 480
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<210> 7090
<211> 577
<212> DNA
<213> Homo sapiens

<400> 7090
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<210> 7091
<211> 575
<212> DNA
<213> Homo sapiens

<400> 7091
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<210> 7092
<211> 561
<212> DNA
<213> Homo sapiens

<400> 7092
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tacagggtgcc cgccactgcg cctggctaatt ttttttgat ttttttagtag agacgggggtt 180
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<210> 7093

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7093

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ggaccacagg	tgcccgccac	caggcccggc	taattttttt	ttgtattttt	agtggagacg	180
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<210> 7094

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7094

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tgtcaattca	tccatctcaa	cctccaccca	ggactgtgcc	cttgctgtag	aggtgttgtg	180
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cccactcctt	ccttgggata	tctgnccttg	angggcacc	acctgatgcc	agtagaaatg	540
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<210> 7095

<211> 550

<212> DNA

<213> Homo sapiens

<400> 7095

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caggcgtgtg	cctccatgcc	cagatgattt	ttgttatttt	ttgtagagac	aggatcttgt	180
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cccaaataaa	gtgaggtctc	agtgtggcag	gatgtagggc	tttgggtgtg	tggtgggtgc	420
angctggtac	tctttcccta	tgagaaaaca	cttctaccct	aacccttttg	gtcgcaactg	480
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<210> 7096

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7096

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gttgattcan	aggttttaag	cccatgcttt	ggtagataaa	tagagtattt	tgagtaactt	480
taaaagttag	cagccctctc	taagtttgac	tcttctacct	naccatatca	aacttaccac	540
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<210> 7097

<211> 500

<212> DNA

<213> Homo sapiens

<400> 7097

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tccgccactt	tttctttctt	gaaaactggg	cttgttctgt	tgccaagct	ggagtgcagt	180
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gcctcccaag	tagctggggc	tacaggcatg	tagccacca	acctggctaa	tttttttatt	300
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tcaagaaatc	ctcctgcctt	ggccttgaaa	atgttgggg	tacaggtgtg	agccactgtg	420
cctagcctca	cctacttttt	ctaaatgatt	taagataatc	attttaccaa	aaaaaaaaann	480
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<210> 7098

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7098

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ttacaggcgc	acggcaccac	gccgagctaa	ttttgtat	tttagtagaga	tggggtttca	180
ccatgttggc	caggctggtc	tcaaaactgc	tgaccttg	atctgcccac	ctcagcctcc	240
caaagtgtg	ggattacagg	tatgagccac	cgctcccagc	cagatccttc	taatgaataa	300
atttttagaa	gcttaaacca	agtcaggctg	gtttctgttc	taagttttgg	agcctcgtta	360
catagcaa	ggtaattgaa	ataatcaacc	caagcctagc	agctcatgcc	tgtagtctca	420
gcacttcagg	aggctgangc	aggagaatcg	ctttaacct	ngangccaag	gctatagtga	480
gccatgactg	gaccactgg	acttccaagc	cttgggcacc	anaancagaa	cctggctcaa	540
aaaagaaaga	gaaaaaacc					559

<210> 7099
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 <212> DNA
 <213> Homo sapiens

<400> 7099						
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cggaacggca	gcagcagcag	gacgattaag	acaaggagga	tggctccaca	gacgctcatg	360
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<210> 7100
 <211> 554
 <212> DNA
 <213> Homo sapiens

<400> 7100						
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accaa	atagcaacctt	caagtcactt	agcctcagtt	ttctctcttc	taaaagggga	420
ctagtaacag	caacaatatt	ctgaggatca	tataaggnaa	taa	aatatgaa	480
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<210> 7101
 <211> 556
 <212> DNA
 <213> Homo sapiens

<400> 7101						
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caagtcccaa	agactccagg	agaaaaagca	tcttatcacc	accataagag	cgcagtgagc	240
atttgacggc	tcaccagcct	atagcaggat	ttttttgtt	tttgttggtg	ttgctgttgt	300
tgttttgttt	ttgagatgta	gtttcgctct	ttttgcca	ggctagagt	caatggtgca	360
atctccgctc	actgcaacct	ccgcctcctg	ggtttaagca	attctcctgc	cttaaccttc	420
cgagtagctg	ggattacagg	cacacgccac	cgnattcagc	taatttggat	tttaggagag	480
acagaagttt	cancatgttg	gncagctggg	ctggactcct	ggacctangn	gatccacca	540
tttgggcttc	caaagg					556

<210> 7102

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7102

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ttctctgtga	ggctctccctg	tccactgtgc	cctgatcaac	cctccacccc	ttcactgtct	180
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catgacaagg	aagaggccca	gtatcaagggt	gaagctgagg	aaggccaagg	gaaagccagg	300
ccaagaggca	ccggttggtg	atggtcacag	gagagaggtg	atcagtggag	ccagggactg	360
ggccatcctg	ctatagatca	cactgctgag	ttttggttgt	atttgtttta	gaagcagcca	420
tcattcaccg	agggggagag	aggaaaggga	agagagggga	agagaagaat	ggggagggat	480
atttaccctg	gtgaacaaag	gccagcccaa	ggcttaaagc	cgcacccctg	anaggcttca	540
cctgttgagg	aaaac					555

<210> 7103

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7103

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aatttcctaa	tgtttactga	gactcttcaa	gagtgaggga	gggatataat	atacagcatt	360
tcctcagttt	atttagccac	tgaatttatt	ttttgtaagc	atctcaagga	acttgagccc	420
aaattttgca	aaactgcatg	taatatacaa	tgttgctttg	gttgcccttt	ccagcttctg	480
nnagagaata	tttaaattat	tttatcttac	ttataaacat	ttttaaattg	ngatattgng	540
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<210> 7104

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7104

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gatggggcca	tctgaatttc	tgggggaaca	aggatctgag	cgggtccttg	gaaagcaata	540
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<210> 7105

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7105

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
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<210> 7106

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7106

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<210> 7107

09629469.07300

<211> 534
<212> DNA
<213> Homo sapiens

<400> 7107
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tcattgncag gattcccggc cttncacagg gaagaacaaa gttgatgacc accngacctt 480
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<210> 7108
<211> 556
<212> DNA
<213> Homo sapiens

<400> 7108
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ctgggactac aggtgcatgc caccacacct ggctagtttt tgtatttttt tggagagaca 180
aagttttgcc acattgcccc ggctggtcct aaactcctgg actcaagtga tccaccacc 240
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tttcacaaca gtatcatgga aaggaatagc tctctcactc tctcaatata tgtattatgt 360
atataaaaca atgaacatgc ctatcagatt gaacaaaaca cagatctgaa ggtgctatgt 420
ctacattttg aaggttatcc aaaagtataa attaaaaaaa aggagaatgg caagtggttt 480
aacgcattgg tcataaatac tgggacagaa acnncaggc cancangtta attgcctggg 540
anttaanccn cccttt 556

<210> 7109
<211> 556
<212> DNA
<213> Homo sapiens

<400> 7109
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cctttatgat ggaggcagct cctccccaag gtccactta cagagtgaga cctttgtcta 180
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ctctgttgcc ctccctntcc cgtgcctggg ttctcatcc ttgcatttct tggctggngc 480
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attggnacct tgaaag 556

<210> 7110
<211> 555
<212> DNA
<213> Homo sapiens

<400> 7110
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atttttattt gctttaaact gtttttcaca agtatcaaca attatgaatg ncttcattta 480
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nttaaaaaaa ggggt 555

<210> 7111
<211> 558
<212> DNA
<213> Homo sapiens

<400> 7111
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ggaatctgag gctaccggtg ctgtaacttc tgaaccacga ctttaagtcaa gagggagaca 420
gggtcccagc ttctcaagtg gcaaagtgtg aacatcaggc ataagtttta tttatcactg 480
aagaagaaag ctgagatnca agcggcaaaa ncttgacttg gattaaatct ngggaaaatg 540
gggaattaag ggggnttn 558

<210> 7112
<211> 549
<212> DNA
<213> Homo sapiens

<400> 7112
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ttttccgttt gtttgtgtcc tctcttattt ccttgagcag tggtttgtaa ttctccttga 180
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gcttaagaag cttttgggct gagtcgatgg gttttctaga tacaggatca tgtcatctgc 420

aaacagggat	aagtttgact	tcctctcttt	tatttgaatc	cctttattct	ttctcttgcc	480
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gcttgggnc						549

<210> 7113
 <211> 539
 <212> DNA
 <213> Homo sapiens

<400> 7113						
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gttctatggc	agctttgggtg	gacagttctc	atatggtttg	aggtctttct	acctcaagtt	180
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ttttcaataa	tatccttctc	tattgacttt	tctcatcctt	atgncttacc	tggccctaaa	480
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<210> 7114
 <211> 563
 <212> DNA
 <213> Homo sapiens

<400> 7114						
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tacaccgttc	aataaataga	aaaaaagtta	caaatgatg	tggtattttg	tccttaatat	180
acaagaaggg	aaaagatgtg	gggggtgactt	gggggggtga	tgttctccct	tctcctccct	240
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cagaaaagaca	ggaggcgaaa	gggtgaaaaa	gccagaaaaa	caccaagata	caggtctctt	420
tcctttccag	atcgggggtg	gggggtctccg	gctctctcgc	gtctgtgtcc	cccaacccca	480
gttggaaggg	cantgtgaac	ctngctcant	tcctgagtgg	acgtcaanga	ctagcaggtg	540
anaaaaaggc	caccgaggac	ttc				563

<210> 7115
 <211> 561
 <212> DNA
 <213> Homo sapiens

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ggtctattac	atatggctag	ccagttttcc	cagcaccatt	tattaaatag	ggaatccttt	360
tcccaagtta	ttgnttttgc	caggttttgc	aaagatcaga	tggttgtagg	tgtgtggtgg	420
tatttctgag	ggctctgggc	tggtccattg	gnctattaca	tatggctagn	cagtttttnc	480
aanaccattt	attaataggg	aatccttttc	ccaagtatgg	ttttgcaagg	ttgncaaaga	540
tcaaattggt	gaaggggng	g				561

<210> 7116

<211> 470

<212> DNA

<213> Homo sapiens

<400> 7116

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cgattctctt	gcctcagcct	cccaagtagc	tgggactaca	ggtacacacc	accatgcccg	180
gctaattttt	ttgtatgaga	acactttttt	gnactatttt	ggaaagaacc	actagatgta	240
ctattaaaag	aaaaatgcat	atacacctac	tatgtaccca	caacacttaa	aattttaa	300
taanaaaaag	aaaaatgcaa	agtnccaaac	agtatgnata	atatgctatc	tgntaattaa	360
aatgctaata	gangaagaaa	cagtnggaca	gcaagaatca	cacattctag	caaaacccca	420
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<210> 7117

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7117

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cctggcctgc	ctctaccttc	ccagccctga	cagtttcacg	gtggcctgca	ccctactcaa	180
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ccctgcgtcg	ggaccccggc	cctaactggg	ggcacaggct	gctgagggaa	tgtgtggcct	300
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aagcttcttc	ccaagggcct	ancctggcaat	ataattctgg	gaaaaggtta	catnttttagt	540
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<210> 7118

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7118

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ctacagatgt	gcaccaccac	gctaattttt	gtactttttt	gtagagatgg	cattttgcca	180
tgttgcccag	gctggtctcc	aactcctggg	ctcaagcaat	cctccttctt	tggcctccca	240

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<210> 7119

<211> 462

<212> DNA

<213> Homo sapiens

<400> 7119

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cggcctccca	aagtactgga	attacagggt	tgagccactg	cgtccggcct	gtattttttt	300
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agatctcggn	tcactgcaat	ctcagcttcc	tgggttcaaa	cgattctctg	ntnagcctcc	420
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<210> 7120

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7120

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cagcctctgc	ctactgggtt	cgagcgattc	tcctgcctca	ttgggcactg	aattttgtgga	120
tattcattat	attattagta	taagtaaaat	aaaaataagc	aaaacagggt	catgcttggga	180
tcaatgagga	tactatgtta	tgagccaagg	aaaaactgag	gagccagaga	cctcaagaag	240
ccaaacatac	aatgtataaa	caacaaaaa	gagtaagaag	ctatttttaa	atacagtaaa	300
acaaaagagg	attggtttct	caaagttaaa	accacacgct	ttctgagggc	cttgacctaa	360
ggacactagt	agttacagaa	agctttccat	ttctacccct	agagtttcaa	tgaatcataa	420
aaaataaatg	gtgggctata	ttttatttct	tgcagcactc	aaagaaaaaa	ngcccaagta	480
gaaaggttct	ctatgggggtt	tcnaatctna	aancctttta	atcttggaat	aattacngnt	540
ccnttcttaa	gggggtta					557

<210> 7121

<211> 452

<212> DNA

<213> Homo sapiens

<400> 7121

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agagaaattt	taaaacagct	ttttatttct	tgtcttatta	atgtttgttc	attactaaag	120
aaatttttaa	atacaaagaa	ggggctggga	gcggtggctc	acgtctgtaa	tcccagcact	180

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ggtgaaaacc	catctctact	aaaaaaatat	atatatataa	aattagccgg	gcgtgggtgat	300
gggtgcctgt	agtcccagct	actcaggagg	ctgaggcagg	agaatgggtgt	gaacccggaa	360
ggtggagctt	gcagtgcgct	gagatcaggc	cactgcattc	cagcctgggc	gacagagtga	420
gactccgctc	aaaaaaacnn	nnnnnaaaaa	aa			452

<210> 7122
 <211> 563
 <212> DNA
 <213> Homo sapiens

<400> 7122	
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tcacaaaaac	ctccacctca
tggtgattaca	agcatgcgct
tttctccatg	ttggtcaggc
gcctcccaaa	gtgctgggat
atccacttct	taaccaccta
tcctaattgct	atactgcttt
ccatacccca	catgaacatt
tggcaaatac	ccaaattgaa
tatctgggtn	aaagaagttt
	tnt

<210> 7123
 <211> 574
 <212> DNA
 <213> Homo sapiens

<400> 7123	
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gagcctccca	aagtgcctggg
ctcttttctgt	ttcaggatcc
tgaatctgta	atgcttatat
cctaataccta	gacgcctgtc
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<210> 7124
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 7124	
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	agcctcccga

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gtagctggga	ctacaggcgc	ccgccaccac	gcccggctaa	atTTTTtgnA	TTTTTTTTtA	180
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gcccgcctca	gcctcccaaa	gtgctgggat	tacaggcgtg	agccacgcac	ccggcctttt	300
TTTTTTTTtt	TTTTTTTTtt	TTTTtganac	anagtcttgc	tctgttgccc	aggctgaaat	360
gcagnggcnc	aatntctgnt	cactgnaaca	tccacctccc	gggttcaa		408

<210> 7125

<211> 505

<212> DNA

<213> Homo sapiens

<400> 7125

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tacagtttca	tggTtctttt	gcotTgaagt	aagcaaattc	attcatttgt	tcattcattc	120
attcatttat	tcaacacaca	tttactgagc	acctaccaca	ttccaggatc	tgtgcaaggt	180
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atcagcccta	angnggncat	taaatgaang	gtctgnctga	gtcatgcnaa	aactgtgtgc	480
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<210> 7126

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7126

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cagcatcaac	ctcccagact	caagccatcc	tcctgcctcc	tgaatagctg	ggactacaga	120
tatgtgccac	tgtgcccagc	taattattac	tgttattatg	tttagtagag	acaaggctc	180
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gcccggccaa	ccttttn					557

<210> 7127

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7127

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acccagctgc	tcagaattga	caattgttca	ttaccatttc	TTTTTTTTta	gttgaaacag	120
ggtctcatta	tgttgcccag	gccggctctg	aactcctggg	ctcaagcaat	ctgcctgtct	180

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<210> 7128

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7128

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caagcagnca	ccaanactgg	caccaaattg		ttaaggaaaa	taggcaaaga	aagcntttgn	540
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<210> 7129

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7129

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<210> 7130

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7130

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tgtagtacag	accaaccatg	ganaanatga	agcaggnggt	gacacanact	cggnggatga	180
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<210> 7131

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7131

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tagctgggat	tacaggcaca	cgccaccagg	cccagcta	atatatatat	atatacacac	180
acacacatat	atatatagga	gacagagtct	cactgtcacc	caggctggag	tgcaatgggtg	240
agatctcggc	tcactgcaac	ctctgcctcc	cgggttcaag	cgattcttct	gcctcagcct	300
cccaagtagc	tggaactaca	ggtgcacgtc	accataccag	ctaatttttg	tagtttttagt	360
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ttggatttta	gtagagacag	gttccgcatg	ttggccaggc	tagtctcaaa	cttctggact	540
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<210> 7132

<211> 571

<212> DNA

<213> Homo sapiens

<400> 7132

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<210> 7133

<211> 564

<212> DNA

09629469.07800

<213> Homo sapiens

<400> 7133

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ttttaattcc	acagtaacag	ccttgcactg	gtctccctac	tttaatcctt	aatgccttat	480
agtcaattcc	ccacacagaa	gccagangag	ctttttaagg	acactttaat	gngaagaatt	540
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<210> 7134

<211> 520

<212> DNA

<213> Homo sapiens

<400> 7134

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tttactcct	tcaagaaaac	atgtgagggt	TTTTTgnttg	nttgnttggt	tatgntttaa	480
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<210> 7135

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7135

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taggggcaaa	attaaaagtg	accagatcc	aagcccacgt	ggtcctgtca	ggaacacgac	180
tctcacatgg	caagtttcaa	agatttagtt	tcaaaattcg	ggtttcttat	tttaaaaaat	240
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gaaccagtgt	gctggcaacc	tttggaatc	anggtgatgg	anccggtcag	ttggttgcac	540
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<210> 7136

<211> 560
<212> DNA
<213> Homo sapiens

<400> 7136
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tggagtctgc agtgagggga gatgctggga tagccatttc catggctctg ttatgcaagc 180
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<210> 7137
<211> 569
<212> DNA
<213> Homo sapiens

<400> 7137
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tgcncagnca attcctttcc ntttccagt 569

<210> 7138
<211> 555
<212> DNA
<213> Homo sapiens

<400> 7138
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tgattcactg tgccctgggc gtcttccagg tctctacagg gtggccttct gatgatctcg 480
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555

<210> 7139

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7139

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ctataggcag	ggtagatctc	agtatttcat	attttccttg	tggcagagac	agtgtaacc	480
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<210> 7140

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7140

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cccagnccaa	ggcaaaatgt	tttc				564

<210> 7141

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7141

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gttacagcac	ggacagggtca	accgtgcctt	ggaatcctta	atctnttcat	cagaatctta	540
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<210> 7142

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7142

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<210> 7143

<211> 542

<212> DNA

<213> Homo sapiens

<400> 7143

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gcccattgagc	gaagactgac	tgagaactgn	atccgacatc	cgggcaanct	taagtgtttt	480
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<210> 7144

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7144

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cagggcaaca	ccggttaacc	cttcgtgggg	ctgctgcaag	ggtgacacag	catcagcctg	180

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aaataagaca	aaattttcat	gaagatagat	ctgataaata	atagattttca	ctggncanat	540
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<210> 7145

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7145

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cataaccaac	ttaaggacaa	ggagtctaaa	aaacagagtt	gggtttttta	atncaaaggg	480
cacagcctnt	taagcataat	ncccatatat	tgnttggggg	anaaaaccgg	atagttgggg	540
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<210> 7146

<211> 577

<212> DNA

<213> Homo sapiens

<400> 7146

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<210> 7147

<211> 460

<212> DNA

<213> Homo sapiens

<400> 7147

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aacagcctgg	ccaacatgat	gagaccccat	ntctatataa	aaaatgcaaa	aaaattagcc	360
tggcatggtg	gcacacacct	ggaatcccag	ccacttgggt	ggntganaca	ggagaatcac	420
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<210> 7148

<211> 581

<212> DNA

<213> Homo sapiens

<400> 7148

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<210> 7149

<211> 585

<212> DNA

<213> Homo sapiens

<400> 7149

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<210> 7150

<211> 584

<212> DNA

<213> Homo sapiens

0962469.0300

<400> 7150

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acacacccat	atcctctgct	cacctaatgg	ctagaccaca	ttactcggag	gggaagggaa	540
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<210> 7151

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7151

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ttgggtgtga	gctaagttgc	aagccctgtg	tttaaagggtg	gatgtggtca	ccttnccagc	360
tagccttagg	gattcttaag	tggccttagg	aatccagct	agtcctgnct	ctcaatcccc	420
cctntnaaca	ggaaaaccca	agtgtgtgtg	gggaggttgg	cccatgaccg	tctaactgnt	480
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<210> 7152

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7152

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gtgatcctcc	tacctcggct	tccaaagtgc	tgggattaca	ggcgtgagcc	accgnacccg	420
gccagttcag	tggttttcaa	actcgagctt	gtagcancat	aactggggggg	cttggtaaaa	480
cctgatcgct	ggccccaacc	canggttttg	attcaacagg	ctggggaagg	ctgaaaaaatg	540
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<210> 7153

<211> 587

<212> DNA

<213> Homo sapiens

<400> 7153

gtat	ttttagt	agagacaggg	tttcac	catg	ttggacagga	tggcctcaat	ttcctgac	ct	60
catg	gttccgt	ccaccgcagc	ctccaaaagt	gctgggacta	caggcgtgag	ccaccgcacc			120
cagg	ccactag	cgttattaca	aggaggccat	gtgagccggg	catggtggca	ctcactcata			180
atcc	cagcta	cttgggaggg	tgaagcagga	ggactgcttg	gaccacaggag	ttcaagacca			240
gcct	gggcaa	catagcgaga	ccccactgca	aaaataagga	atgccatgtg	aaggccacac			300
agac	acatag	ggtagatggt	ttcagagact	ggagtgatgc	agcagcagcc	aaggaaggcc			360
aagg	attgcc	aggagccacc	agaagctgaa	gagacaagga	aggatcttcc	cctggagtcc			420
tcaa	agggag	tgtggcttgg	cctatacttg	gatttcagac	ttttagcctc	cagactattc			480
tgg	tgtt	ta	agccactgat	ttgtggtaat	ttgctatggc	aggtccttac	tctggctatg		540
ggt	tacacat	ncaacaagtg	ggagcccaag	ggatttgaat	caggccc				587

<210> 7154

<211> 491

<212> DNA

<213> Homo sapiens

<400> 7154

gag	atggagt	ctcgttctgt	tgccctggct	agagtgcagt	ggcgcgatct	gggctcactg			60
caag	ctccgc	ctccagggtt	catgccattt	tcctgcctca	gcctcccagag	tagctgggac			120
cac	aggcgcc	cgccaccatg	cccggcta	at	tttttttttt	tttagtagag	acagggtttt		180
gcc	atgttgg	ccaggcta	at	ttttgttttg	ttttcttttt	tttttttttt	tttttttttt		240
tgnt	ananac	anagtttcac	catgttggcc	aggttggctct	caaactcctg	acctnaagng			300
atct	ggctgc	cttggcctnc	caaagtactg	ggattacagg	catgagccac	catgcccagc			360
caag	gagtca	naattcttaa	atggcttact	cagttggata	tatagttgag	ggcanaaata			420
aatt	tattaa	tgaatctnt	gacccaaaaca	aaccaatntc	canaanactn	tgggccncca			480
cccc	acatta	g							491

<210> 7155

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7155

aatt	tttagct	ttgatgacaa	aaacaatgct	ggaggagagt	gagagcacca	agttgaaccc			60
acgt	tgacca	gctttgacga	tgaagctaca	ggcagccaag	tcaactcaca	catagagaaa			120
gtg	gaaaaag	aacagaaaag	caggagacag	aaacaaaaac	atgcaggaga	gggtgattct			180
gtt	catgat	cttggctcag	tgtccagggg	ttccta	aatgt	ttcagcaaaa	agaaaatcac		240
tg	aatgaaa	tgtaatgaga	ccctttgaca	ctgaggaagt	gacaactcag	gcttggcctt			300
ct	accacaca	cctataatct	gtgacttgca	acagaacttt	tcccgaagag	cgcagtcctc			360
cct	gagcaaa	atggctaggg	cctacgccgt	gatttgctgc	tctggaatgg	gacacacatg			420
ttg	cta	atcc	ttgcaaaacc	agcttgaaga	accattttcc	tnctgagaat	tttcttctgg		480
t	actgctaa	tttnggctac	ttaagtnct	tggttcttct	tcactttaag	taaatattcc			540
tc	gattgat	gtgccaaaacc	tnt						563

0092240.69462960

<210> 7156
<211> 556
<212> DNA
<213> Homo sapiens

<400> 7156
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tacagggtgcc cgccaccacg cctggctaata ttttgtatatt ttagtagaga cgagggtttca 180
ccatgtttggc caggctgggtg ttgaattcct gacctcgagt gatccgcctg cctcagcctc 240
ccaaagtgtc gggattacag gtgtgagcca ctgcgcccg ccaaaatcag gaaatctttc 300
ccaaaacatc ctgtatatag caacactcat aactactact ttatggcaga ataattggacc 360
cgattacagg ttacatgga aaaagttgat atttcagcca cgacaaaaat ataaacagga 420
tttttcataa gggagtaaaa tggngnggtc ataaccgaga taaggtggng gggctcatctc 480
tgngctgaga aactttatct tactagtagg aaacatagta atccctacan tcattaaaag 540
gatgcctgaa gaactt 556

<210> 7157
<211> 552
<212> DNA
<213> Homo sapiens

<400> 7157
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cgtgatcttg gctcactgca acctccgcct cccagggttca agtgattctc ctgcctgacc 120
ctcccaagta gctggtatta caggcacgtg ccaactgtgcc tggctaattt ttgtattttt 180
agtagagaca gggtttttggc atgtttggcca gtctgggtctc gaactcctga cctccgggtga 240
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gcatgggtcat tttttagggg gctgggaaaa ctggacatgc cccaagccc cagggtcttc 360
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gctcatccct tcagccccat ctgnccctgg aaccttgccc gggggcaagt gccccctttg 480
atgatctagg taacatgacn aatcgnnttg agancgtggc aatctgggtt aacttaaac 540
ttttctaaga cn 552

<210> 7158
<211> 494
<212> DNA
<213> Homo sapiens

<400> 7158
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caagttctgc ctcccgggt cagccattc tcctgactca gcctccanag tagctgggac 120
tacaggcacc cgccaccacg cctggccaat tctttgtatc tttagtaaag atggggcttc 180
accgtgttag ccaggatggt ctctatctcc tgacctctg atccgcccac ctccgctcc 240
caaagtgtc ggtattacagg cgtgagccac ggcgcccgcc cctcatctc ttaaaataaa 300
aaagttgaa ggagttgggg gagtttgat acagaccag ggagggcgcc ttgtggagat 360
ggaggcagag atgcggctga cgcttctcca agccaaggaa catcaaggac gccggccacc 420
agcaggaact ggganaggcc tgggcaaatc ccccgtnagc cttangangg accaancctt 480

09629469.072300

attaanacct tnat

494

<210> 7159

<211> 528

<212> DNA

<213> Homo sapiens

<400> 7159

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caacctccgc	ctcctgagtt	caagcgattc	tcttgccctca	gcctcccagag	tagctggggac	120
tacaggcaca	caccaccatg	cctggctaata	ttttttatat	ttttattaga	gacagggttt	180
tgccatattg	gccaggctag	tctcaaaactc	ctgacctcag	gtgatccacc	cgccctcagcc	240
ttccaaagtg	ccactgcacc	tgccagcat	ccactagctt	ttcatcagac	catgaaatgt	300
ttggtccacg	actgctcact	ctttccagag	ctgcactgga	aatacactat	tctgaacggc	360
ccaagttcct	ccggagtatt	cctctgatgg	ggcacaaacc	tggtggacca	caagcatgct	420
ggtaccaagt	gctttttatt	ttacaagagc	cattctgntc	cntttngggc	gaaccggggc	480
ctgnttcattg	gttctnggct	aacacaggcc	aagtacactt	ntntacta		528

<210> 7160

<211> 524

<212> DNA

<213> Homo sapiens

<400> 7160

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gtgggtataa	agcaaacggg	ctctgggctc	ctccaagctg	tgatatactc	tggccattat	120
caatagctga	ttctcacttg	tcctaataaa	gtactcagtg	caggtttagcc	tccttctccc	180
ccgccagctt	ctcttccact	tccccacacc	gtacatgcct	ctccctttct	ctctataact	240
cagctcatct	catagccttt	ttctttggaa	atgcaactct	gctgatcact	tgtgggctgg	300
gatcccagct	gccttttgaa	cagagcagac	atcctttaca	gagacagggtg	gcctggaggg	360
gagaacagg	aggggcacac	tgagatccca	cagcaacctg	agagattctg	ccccgtgacc	420
tgctggcccc	cttcanggca	cttinctaatt	tcaatctttc	attaantaag	gcagcttaga	480
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<210> 7161

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7161

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atgtggctat	aaaacctcca	gaactgctcc	acctgcagag	agaagacccc	agagtaaaaa	180
acatgtgtct	tttacttttc	tttgaatgca	tcccaagggt	gagatttagt	taagaacata	240
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gttgtgaggg	aagacatatt	agaggaaaaa	cataccatct	agtttgacaa	aataaaaaat	360
gtaacattcg	caattcaaga	ataaaatctt	tggtgagaaa	tgcaagcctt	aaccaggagc	420
tttaagtggg	gaaaccatgg	taatacgcac	ttttccactt	aagctgcagg	gtagcattac	480

atgccgnaga ngacccgggt tttgcnatg gnactnttan ccctgaggat gaaggggacc 540
cagctaactg a 551

<210> 7162
<211> 553
<212> DNA
<213> Homo sapiens

<400> 7162
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ttgaaatatt ttatttctaa ttttattatt tttgaacagt taaaaactca aagtacaatg 120
aagtttacaa tgaaaaggct cactcctggg atccttatcc cccaggatc tagttctgct 180
ccttgagac taccaatgtg atcaggttct tccatatatg tcttcagaga cagtctacca 240
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catacagttt gacaccatgc ttttctcaat aaacattatt atgccttaga gatcttttca 360
tctcagtacc taaagcactt cttcattcct tttccattg ggcaaattaa gttcaccaat 420
cctctgnaat ttattatcta aaaggngaga catggagaaa tgaaagccta ttaataatat 480
ncagaacagc aggtttaaac tgggagggtc aaaagccaag ctatggtatc tacctttggc 540
gatnttaagg tgc 553

<210> 7163
<211> 559
<212> DNA
<213> Homo sapiens

<400> 7163
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cttgtgagag aggaggagga ggaatatgcc gaataaccct caggtttctc ccagatttga 120
acatgttgta ctgtggcatg aggtcagcag agacttactc cagccctgtg aggctgaatt 180
ctaccctgac aaagcagtat cactgtaata tgaagcaaga ggattcaggg catgttggca 240
gctgtacaga atgcctgttc tagaaagtaa tggcaattcc aaaacaagag atctatggtg 300
tcacatgaga taatcttcag cccagtttaag caataagcac ccaaaatact ttgaatccca 360
aacacaggca gctcaaaagt ttaatggtag aaaagaactt ttctccttga ccctattttg 420
gtctggagga aataatcagg aagaagaaaa ctgggaagaa tcatttgggt aatttgactg 480
gatcattaac cacatactgg atctganctg actggtntctg ggcacttcca nctacttgaa 540
gaacccaac cnccttggg 559

<210> 7164
<211> 467
<212> DNA
<213> Homo sapiens

<400> 7164
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acacctgcct aatttttgta tttttagtaa gagacagtgt ttcacatgt tagtcagcct 120
gatcttgaac acctgacct gtgatccacc cgcctcacc tcccaaagt ttgggattac 180
aggcgtgagc caccgctgc accggcctg aatactctt gagccaatca aatgttataa 240
attaaaatca cactaactca taatcttatt ccttaaaatg agtgacttac aggtgtcata 300

acaggtgact	tctcactgct	tggagaatcc	actgcacaga	aaaaaaagaa	agaaaaaaaa	360
gatatgaatg	tgagtatatt	ctaattggct	ttggttttga	cctatcaagt	ggagtatagt	420
tcctacatca	ctttnaaccc	aatttggggg	gnggggtgng	gnnggng		467

<210> 7165
 <211> 504
 <212> DNA
 <213> Homo sapiens

<400> 7165						
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ccacctgcct	gggcctccaa	aagtgcctgg	attactggca	tgagccacca	tgcccagcca	120
gtttagggat	ttttctacct	gagagtgtgt	ggctctgtgg	tagccaggaa	gctaaagcct	180
agtatctatg	ctcagggttc	cagtgatctg	gggatctaga	acaatcctgg	gaaaagagcc	240
cttactctca	gcaaagtcag	tattcccat	gtcctactag	aagagagaga	gtatactttg	300
aggtccttgt	aaaaccattt	agtcccaaac	tcagcttgag	ccacaggtag	ttgtcactgg	360
ctgggtccag	ccagagagag	tacctgaaga	aatcactcag	atgacagctg	atcacttact	420
gtgtgacctc	aggcaagtca	cctccctttc	aagcctnagc	ttcctncaact	gnnaaaatga	480
gaangctgac	ttgacctggn	ccan				504

<210> 7166
 <211> 551
 <212> DNA
 <213> Homo sapiens

<400> 7166						
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ggtcagggtc	agtatcactg	tcctccacat	tcacatcctg	ctccacgaga	agtctttagg	120
ggcaataaca	tacatggagc	tatcatctct	gtaataatgc	cttcatctgg	aatatctcat	180
gaaggacctg	cctgagggtt	ttttatagtt	aacttatttt	tataagtaga	agtggtagat	240
tctaaaataa	caaatatagg	atagtaagta	tgtcaaccaa	taacataatc	tttattatca	300
tgattagcat	tatgtaccat	acacaattgt	atgtgctata	ctttcatatg	actggcagca	360
caatagattt	gtttatacca	gcatcatcac	gcacatgtga	gtaacacatt	gtgctgtgat	420
gttatgggca	actatgatgt	cacttaggaa	taggaatttt	aattctatta	taacntatga	480
gaccacggca	catatgtaac	ttggccttan	cgaacatctt	atgtggngct	gactaaagat	540
caccaacca	a					551

<210> 7167
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 7167						
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ccctgcctca	gacctttgag	attagggtct	aaacttaagt	tcacaaaaga	agcatcacct	120
ccatagtga	tcaccttttc	agcatgaagg	gtgaaatgtg	aaatgatcta	atctgcttgt	180
acgcaatgcc	taacgtgggg	ttgcatagat	gtgatgctgg	atggttttgt	aaccattcct	240
ggaggcaaga	ttcctccaca	accatgttcc	attactctgt	ggccatgttc	taccttgctt	300

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tgacagccta	gcatagaaca	ttttggcagt	ttcagatcct	gactagatgt	ctgctggagg	360
agttaaaagc	tgtagtcaact	gggacagatg	cgtgggtgagg	ctcccggctt	accatgtctt	420
catgtgccga	agctttttca	tttcctctct	ggattcaagt	ggaagttaca	agccttnaat	480
attaccctca	ttatactgag	gctgananca	atcagtttac	ntcctagaaa	ttncattagc	540
ccttc						545

<210> 7168
 <211> 573
 <212> DNA
 <213> Homo sapiens

<400> 7168	
gtagttgggtg	tttgttatttt attgattctc cctccaaagg ggcctaagct cgacaaaacc 60
gttacagttg	tcagaaccca gccacagggc tcagccccct tccccacgt cacgtctgca 120
tcactactgt	gggtgagcct ggacggacgg gggctggggc tgcccggtggc agcggcaagg 180
gatgctttcc	agagacagcc accacgcagg agggaggatc accccaggca acccagacac 240
gggtgttcac	atgtgaggct gtgagctcca catagcacia aggaggcttg ctgactttgg 300
gcggccatgt	ctgctgggac ctgggtgatc cagtgcgtgc cacagccaga agcaccattc 360
cctgcatatg	gccactagcc accctggggg gggacagcct gtctagacag acagcacctt 420
gggggctccc	ctgagggtca gtgagggcct gaccccaggc angaactgcg tggacgcttg 480
tcttcaaccg	ggacaaacct ggccctcggg tgcntntgcc taatgnattg ggttccanac 540
tgggcccgga	naaacctggg tgggaaactt ggg 573

<210> 7169
 <211> 572
 <212> DNA
 <213> Homo sapiens

<400> 7169	
ggagacaggg	tctctctctg ttgcccaggc tggagtgcag tggcacgata atagctcact 60
gcacccctga	cctcccaggc tcaattagtc ctcccacctc agcctcctga gtagctagga 120
ctacaggtgt	gcaccaccac gcttggctaa ttttttagtt tttttgtgga aagagggttt 180
cacattgccc	aggctgggtct cgtgctcctg gacttaagtg atcctcctgc tttggcctct 240
caaagcactg	ggattacaga cgtgagtcac cgcacccagg cctatgaaca cctgttact 300
gaaccctcac	agcaacctta ggaagaggat gctgaggctc aggtggggta agcaagctgc 360
ccaaagacct	gagccctccc accacccggc agtccctccc tggcgcggnc accagcctac 420
cttcagcccg	ataacattct gccggtctac ctnacacacg taatgggttg gtgaagaacc 480
cgttgcggcc	cgcaaaattc ctttgaccng agagacaatc ttnccttntt ggacaccaag 540
ccgactgggc	catgctggcc ttggcatggg ga 572

<210> 7170
 <211> 547
 <212> DNA
 <213> Homo sapiens

<400> 7170	
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agaagcactg	gctctccatg ctgnngaaca tgcccaacac tacgctaggc aatgagagat 120

actgatgagc	aaaacacact	tgtggcctca	tggaatgaat	ggaaggaggg	agatagcaca	180
taagtatttc	aggtagtgac	aagtgtatg	gaaaaaaacc	caagacaggg	tggacacagt	240
aacctcttca	gatgcggcgg	tataggcagg	aaggcttcct	tgagatacca	ggcaagctac	300
gagctacctg	atgaggaacc	agtgggagaa	catctggtgg	cgagggttg	gccaggggga	360
agggggctct	gacacaggaa	caaatttgat	atgcttgaaa	atcactaaga	tactgnggc	420
tggaacacag	tcagagagaa	aaatgtgtan	taaatgaggn	gggaaaaaaaa	agcnnggcc	480
attcaaata	aaactttnaa	ggccatggaa	agnaatgccg	gaattgccct	aagtnccaat	540
ggggaag						547

<210> 7171
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 7171						
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gtcccacagn	ggccttgcaa	agngctggga	ttacaggcat	gagccaccac	ccctggcaca	120
ttttttaatt	ttttgtanan	atagggctct	gccatgttgc	ccagtctagt	catgaactcc	180
cgagtccaag	caatcagccc	accttggcct	cccaaagngt	tganattaca	ggtgttgggc	240
caccacactt	ggcctanaaa	tcattttcca	ggcacggngg	ctcatgccta	taatcccggc	300
acttttggga	ggcgaggcgg	ntggatcacc	tgaggncana	agtttnagac	ca	352

<210> 7172
 <211> 550
 <212> DNA
 <213> Homo sapiens

<400> 7172						
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ctctacctca	gccaccattt	tgttctaaaa	ggnaacatag	aacaaatgtt	aagttttcca	120
aagtccagat	ttatgatcag	agttaatgag	ctgaataatc	agctgtaaga	aacactgatt	180
aaaaacattt	acatgagtta	atttgtgtta	ctgactttta	ctagaatgta	ggcacccctca	240
ccatgctggt	gaggggtgcct	aaaagaaaaac	catacttcca	aactctcgct	ttagtaactg	300
taccgcttac	aaagagccca	acagtagctg	aagtttatta	ccgttatgtt	gctgtgaatg	360
ccaccaatat	gtactgtcag	acttgnnttg	ggtgaaaaaa	acaactgcaa	aaccaatttt	420
tttttctaac	atctgatagg	gacttgatga	agccgctaaa	tgctaggggt	tacatttcag	480
gaaacaactt	atttatggta	tgggtgctat	taatcccaa	gggnntcatg	gngaaatacn	540
ggnnttncnc						550

<210> 7173
 <211> 563
 <212> DNA
 <213> Homo sapiens

<400> 7173						
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ccacctgcct	cagcctccca	aagagctggg	atcacaggcg	tgagccaccg	tgcaagccct	120
acaattttta	atacttaaat	gtggtaagtt	ttctgtttcc	tgactgtact	ctgatagatg	180

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cagtacttgg	caccagaatg	tgccatgaga	cagaccctaa	aagacacagt	tgtgcaactg	240
atttggttgt	gttcctgtcc	ttgtcctcac	ctgtggttga	caagaaagcc	gggctccctg	300
ggctctcagg	tgtgcaggac	ttgccctccc	agccttcccc	acgggagcca	ctgccccttc	360
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ttggtgaatg	ccaaattctg	gggccccaaa	acaccatggn	gggccaccag	cnaaagnggt	480
ggctgacggc	aagggatcat	gccactgggn	gtccaagtto	atnttgaact	tgggcctgga	540
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<210> 7174

<211> 524

<212> DNA

<213> Homo sapiens

<400> 7174

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actacagggtg	catgccacca	cacctggcta	atttttatat	ttttagtaga	gacagggttt	180
caccatgttg	gccaggatgg	tctcgatctc	ttgacctcgt	gatccaccog	cctcggactc	240
ccaaagtgtc	gggattacag	gcgtgagcca	ccgtgcccg	cctaaaggag	taaattttaa	300
gtgttctaac	cacaaagaaa	tatgtgaagt	aacgcataatg	ttaactgggt	tgatttagcc	360
actccacaat	atacacgtta	tttcaaaacc	cacaggcatc	acatcccatt	tctcaccat	420
gagtagaata	aatcatagac	cacatcacag	caataaggng	acancgtgtg	cancnggggc	480
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<210> 7175

<211> 562

<212> DNA

<213> Homo sapiens

<400> 7175

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acaggcatgc	accactacac	ctgtctaat	ttgtattttc	agtggagatg	gggtttctcc	180
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ccagcctcag	gtgccaaagt	gctgggatta	cnggcaagaa	ccactgtgcc	cagcctactg	420
ncaagtattt	ttcagatgan	ggaaaaccca	gacttcagag	aaattaagga	atctgtccaa	480
ggcgtatagt	caaggnatca	gaatctggaa	ctggagcctt	tcaatccaaa	gtccaagctn	540
ttaatcttca	ggccccactg	gt				562

<210> 7176

<211> 546

<212> DNA

<213> Homo sapiens

<400> 7176

ccccatttaa	aaatatntta	cagnggcata	actttccctg	tacaaatngg	gtttaagaaa	60
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caaaagggac	aattngctaa	tcaatgatga	gcctttaatc	caaccattat	atatcccctt	120
tccatcctta	gatcccttga	agagaccatt	tagttaagac	taccaacagg	tgacaccctg	180
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aaactnactg	ggngcttaac	tggnctcaat	caccacnttt	tccaagtana	cttttncctt	540
ttttca						546

<210> 7177

<211> 554

<212> DNA

<213> Homo sapiens

<400> 7177

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atgaggtgaa	gctgggtcag	agggagcagg	catggctcag	gctgtggtta	ccatctagaa	180
ggagaaggag	tagtggggag	ggaaatcact	gctcctgggt	gccccaggaa	atgtagtctg	240
gctgggtggc	cgcatggtag	tcatcaatga	gctcctgaac	aacctcccta	gacctgtcca	300
tctcatcaaa	gttgtccttg	aacatgtcct	ccttacggaa	ctgctcgagg	aaggcatccc	360
gcttcgcag	cttgtcaaac	tgctggcagg	aactttcaaa	gagcgaggag	atgctgggtg	420
ggttggccat	catgagcccc	ctgacccggt	gggcccaggg	cangtaggga	gactttcttg	480
acaggggcca	cctggatcct	gccgggnccc	acnggatgaa	nttggccact	ttccgttccc	540
ggntcttttn	ggtt					554

<210> 7178

<211> 565

<212> DNA

<213> Homo sapiens

<400> 7178

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attacaggtg	tgagccacca	cgctcggcca	acattctgag	attacttttt	ttttcatttg	180
gggagacgaa	tcccttacta	gcagagctgt	attgaggggt	aacgggtggta	atgggtctcc	240
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ttgtcacatg	gttccactct	taggatgtaa	attaggaggt	accagcttga	gaggcanagg	420
caaaggcaag	gttaagatgc	agctgtgang	ctgggcacaa	tgggttcacg	ccctataatc	480
ccagcaccct	tgggaaggcc	gaaccgagcg	gaccancctg	aggncaaana	gttcgagaac	540
cagcctggnc	aacacgggga	aaaaat				565

<210> 7179

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7179

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tgtcggagtc	cttttgataa	taaggtgact	tgaggagaca	ggaaggaaac	actaaagcca	180
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gccgttggaa	ggtctgagct	cggaatgacc	tgactgacct	gtcttacagg	gacaacttgt	420
ctgtgggggg	acactggcan	ggaagcttgg	cttgtggcca	cccaccggcc	ggcactggca	480
acctcgctct	tgcttttcac	aatggaccng	gcntgggctg	ngtgacccca	gatncnganc	540
ttatngggaa	t					551

<210> 7180

<211> 518

<212> DNA

<213> Homo sapiens

<400> 7180

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cagctgagag	cagcctgcct	ggtcctccgg	gcagtggagg	gaaggaggat	gaaagtaatg	120
aagcagattc	ttgtagctga	ttgctaggac	ttgggaggag	agctgagagc	atgtcctatg	180
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ctccaccaag	gcattttatt	ctctacactc	accatgaaga	caatggaagg	ntatagaatg	420
tgggatgggg	aagccggaag	tcataattca	tttaaaatcc	ccttctgggn	ttaatatattg	480
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<210> 7181

<211> 487

<212> DNA

<213> Homo sapiens

<400> 7181

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ataagcatcc	actactgcag	ctgaaaacat	ccctgacaga	cccatctccc	tggatattcag	180
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aaagcacaga	tccttcttga	cctggaggcc	agccttacct	actgagacca	ggttcctgna	360
gttctccagc	atcacttccc	tgtacaggga	cttctgggtg	aggncaca	gtccccactn	420
tttcngggtg	aaaccagggg	tacatttttc	aaaggcaatg	ggtinctaaaa	atcccnattn	480
ttgttaa						487

<210> 7182

<211> 532

<212> DNA

<213> Homo sapiens

<400> 7182

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caacctccgc	ctcctgggtt	cacgcgattt	tcctgcctca	gcctcccagag	tagctaggat	120
tagaggcgca	caccaccatg	cctggctaata	tttttggtgta	tttttagtat	agacagggtt	180
tcactatgtt	ggccagactg	gtctcgaact	cctgacctca	tgatccacct	gcctcaccct	240
cccaaagtgc	tgggattaca	ggcgtgagcc	accgcgcctg	gcacccatag	gcaactttct	300
tagtctgttt	gtgctgctat	aacaaaatac	ctgattttata	aagaacagaa	atgtatcaca	360
gttctgtagt	ttatgaagtc	caagatcaag	gcacatcag	gttcaaagt	cctcttccaa	420
ggggtgcctt	gatgctgcat	ccttcanaaa	ggacntgtgc	ctcacgtgcc	aaaagggagg	480
acaaggaaan	ctgcattgag	ccnctttatg	aaaggtggan	ncnctttcca	aa	532

<210> 7183

<211> 506

<212> DNA

<213> Homo sapiens

<400> 7183

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tcaagagatt	ctcctgcctc	agcctcccaa	gtagtggga	ttacaggcgt	ttgccaccat	180
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tttatttatt	tctcttggct	gctttgctac	tctcccacta	gaaatcaact	gcatgaaggc	420
ccgggctttt	ggttgctttg	gttggnntaa	ctncagtgcc	tggaactgnc	cctgggacat	480
agcangnncc	atataagatt	gctgag				506

<210> 7184

<211> 183

<212> DNA

<213> Homo sapiens

<400> 7184

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gccaaggcca	gtggatcact	tgaagtcagg	agttcaagac	cagcctgacc	tcangngatc	120
tgccgcctt	ggcttnccaa	ngctctggga	ttacncgcnt	ganccactgc	acctggccta	180
tcc						183

<210> 7185

<211> 430

<212> DNA

<213> Homo sapiens

<400> 7185

ganatggagt	ctggctctgt	cgcccaggct	agagnagac	catntcaaca	acaacaagaa	60
aagaaggngg	ccatcatntg	caagccaagg	agagagaana	aaccaaacct	gctgacacat	120

tgatcttgga	cttctagtct	ctanaattgn	gagaaaagag	atttctgttg	tttaccaccc	180
attctggggt	atthttgtgn	ggaaacccta	gtaaacatac	tatattaaaa	ttcttcctta	240
tgtccatatg	aaatactccc	aactttaatt	tattcataat	ccactttctt	tagtttacag	300
agtcctcata	aaacacaatc	tatacttgaa	tgcagtgagt	acactgcact	ttgacctttt	360
tttttttttt	ttnttttttt	tttttttttt	tganatggan	tctgggcttt	gtcncccagg	420
ntanaangca						430

<210> 7186

<211> 498

<212> DNA

<213> Homo sapiens

<400> 7186

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aggtccgcgc	caccacgccc	ggctaatttc	tgnattttta	gtacatcctg	ttgnacatcc	180
tggtggccag	natggtctcg	atctnttgac	ctcngatct	gcctgcctgg	gcctcctaaa	240
gcgttgggat	tacaggcatg	agccaccgca	cctggccana	aaatattttt	atataangga	300
accagaaaga	catgccattt	tcaaaactgg	canaattaaa	tcctgaattt	tcaaaatatt	360
tcaaaaatgg	ttttaaaaga	gccactcact	gggtttcctc	cngacattca	ttantaagn	420
gggcctatag	catcattcca	tttnttgga	acagtgcntt	ttaggaatca	aactggccta	480
ntaaaggggg	gngccccc					498

<210> 7187

<211> 542

<212> DNA

<213> Homo sapiens

<400> 7187

caaattacta	gaattttatt	agccaaggga	tagcagctgg	aggagaaata	acaaaaaat	60
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gccactgtcc	atcagctcag	taaatgtacc	agcttctaaa	gccatgatgc	cataggtcca	180
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tggccctgga	gccaggtgct	tttctccatg	aaaacttcca	ccttggttagc	tcagccgaca	360
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caccaggtgg	ccaaacagaa	gagaaggcag	aggcccacca	agagctgatg	ctngncaatc	480
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aa						542

<210> 7188

<211> 544

<212> DNA

<213> Homo sapiens

<400> 7188

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009270.6942960

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tggagaacng	gaatttaaac	tgttgccaaa	atggatgcaa	tgggcnactg	ggtcactaca	480
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cacc						544

<210> 7189
 <211> 550
 <212> DNA
 <213> Homo sapiens

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accagcccc	cacctagaga acacccttcc cagcgtctg gggccctnt ggnacctgna 480	
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tacnccctt		550

<210> 7190
 <211> 574
 <212> DNA
 <213> Homo sapiens

<400> 7190		
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<210> 7191
 <211> 522
 <212> DNA
 <213> Homo sapiens

09629469.072300

<400> 7191

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gagcggaaacg	gtcggoggca	ccccccccag	ccccacccc	gcggcctccg	tgggacggga	180
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ggggggacag	ggaggaggac	ggggggcccg	ggtgaacaaa	aaccacacng	tctctatgga	480
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<210> 7192

<211> 578

<212> DNA

<213> Homo sapiens

<400> 7192

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tacagccgcc	tgccatcatg	cctggctaata	ttttgtattt	ttagtagaga	tgggggtttca	180
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tcacacagta	ggtacacaa	gcacatttgt	ctagcaaaaa	gtactggaaa	gcagaagggt	420
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gcaagttggt	taacctctct	gggcctgttn	ctgactggng	aaacagaacng	aancctttctt	540
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<210> 7193

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7193

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aaagtactca	tattacaggc	atgagccacc	atgccctgct	gtaaattgtt	ttgaacagag	180
ggtgaaatag	gcttagggag	gaacatactg	agtctgaaat	agaacatcca	ggtggaggat	240
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<210> 7194

<211> 574

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 7194

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ctacgggcmc	gtgccaccac	accagctaa	tttcgtatit	gtagtagaga	tgggattitt	180
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ctcatgaata	caaccaattt	ctctgaagat	gatggattct	attaaaaaca	ggtgtttgtc	360
acatgactgg	ggattgtagt	ttactgaaac	acaaccaa	taggtagaaa	tcatgatcta	420
ataaagttag	catgtttaa	atgnatctnc	aattccagga	tttccatgag	acttgnagaa	480
cttctttttt	ttttttttta	gaaacagcan	gacattaaac	ctttactggg	ttttcncata	540
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<210> 7195

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7195

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ttcacacttt	attataaaat	agggtttgtg	taagatgatt	tttcccaact	gtaggttaac	180
atcagtgttc	tgagcacatt	taaggtaggc	ttggctaagc	tatgatattc	agtaggggat	240
gtgtatttca	tgcatttttt	acttacaata	ttttcaactt	atggttggtt	tattgggaca	300
taaacccatc	ctaagtcaag	gagcatctgt	atacatgaag	ctaacattct	attcctatca	360
gacagtgtctg	ctctaaagta	tgtcactgca	aaacttaagc	cttcaagtaa	aatgatcaga	420
tttgcatctt	agaaagatta	tatgccctgg	tgagactggg	ttaaagattg	aaagccgatg	480
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<210> 7196

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7196

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taactccacc	ttcccacaca	ttgtcaataa	tcatttacca	actgactgat	agagaagtgc	180
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gttggcattt	gctcttcact	gctgcacccc	tggcgtggct	gggcttaggc	tgatctagtc	300
tggccttgac	tctaggctga	gggtgggaac	catgcctgct	ccacacgcct	ctcattccac	360
agccagagcc	gccgttccct	ggggcacgca	tatctcgtgg	ggaaaatcaa	gagcctaaga	420
aggcangcct	ggcaatgcca	cacatttcan	gcttctggtt	gngcccgtgn	ctngnaaaat	480
cttgggtggca	gaagcaagta	cccagcncaa	gcaacactnt	aagccatcac	cttcttcggc	540
ctggcaagga	tgcggt					556

<210> 7197
<211> 562
<212> DNA
<213> Homo sapiens

<400> 7197
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ctctcctagc acaaacccta cctctcaggg gagtccagca gtctcttcct cctgataaca 180
tttttccatt tattctaggt cataggccct acatagctat gagagggaga ccaggagact 240
gaatgtgcct ggcaatagct atcttccata ggaatggctc attaagaata tcatttcatg 300
tcagatgggt agactgtatc gaataccatg agtggcaagg gttctgcttg gcaaggctct 360
gtttcaagga ctttcatgac cttatgtgat ccagtacatg cattcccca ttgcaatcac 420
tgccactat cctcatcatc cagcttcaat tgagatgagg cataaaggta agtctgngga 480
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tggctgaact ggggtaaacc ta 562

<210> 7198
<211> 551
<212> DNA
<213> Homo sapiens

<400> 7198
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ggcaacacgg cacaatttca ggcttcatca caaaggatga aaaagactgt ttctaactcc 120
ctcctaattt gcanacatgc ttgaacactt aatggaaggt gaagtttatt ttgnggcccc 180
tcagttctnt ttcaagtcct ctagtanaaa gtctccatgg ngtgatcttc tgactgggta 240
naaccgcaa ttctctgctg tttttagtct ttgttccana tgactaatta catgacttgg 300
ctgcatttgt gaggggcccga caccaacaca attaaaccag tgcaccattc agggccatag 360
ggtaggaggc accagggttc aagaaggaac ttgctgtgtg taggatctga gttggggcgg 420
ctctattccg actatccatc gatctccttt cctcatcctc aaaagcttcc tcccggcatt 480
ggcggnggca tcctgggact ggtgggacct cggatcccaa ggtcgtcatg gtgntctccg 540
cctcggggaa c 551

<210> 7199
<211> 562
<212> DNA
<213> Homo sapiens

<400> 7199
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tggggttaca gctgcgtgcc accatgcccga gctaattttt gtatttttag tagagacggg 180
gtttcgccat gttggccagg ctgatcttga actcccagacc tcaagtgatc agcctgcctt 240
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tgattttgta tattaagcac agctacattt tagaaatctt aaccaaaggc cttaaacgtt 360
cagaatacat ttattcactc aactcagaat accttttcct tggtaaattc tgagttctaa 420
ttttaaaagc cctangtggc ctttccgatg ggtattacag gngtaaaggg aaatgngatt 480

09629469.072800

tgnnaggtna ataaccctta cccataaata aggatactag aagtaagact taçatttttaa 540
ccaagttnaa taatctaata gc 562

<210> 7200

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7200

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ttactttttt gaaaaaatca agttgtaaac ttttatgaca aattaaaaat gaagttctta 180
aaaatctcaa cttgagcaga tatgaaataa ttttaaaacc tttaaaggcg tattgagaaa 240
aaccaggctt tttaaaaaaa cactttgtta ttacaaaaaa gagacgtctt taggtaaaaa 300
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cgaaaagcaa gcacttangg tcttcagctc caattttcgt tcatttttta tcgctggaat 420
tcctagtctt ggttngatga ctaaaccggg tgatggtaga aggtaagcag cccgcanttg 480
cccacctgga accgaggaat tcttaactgg tgggacaact gnttctgggg gctttnncat 540
cttgggggtt anggttttct gggccan 567

<210> 7201

<211> 562

<212> DNA

<213> Homo sapiens

<400> 7201

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ctagaaatct gtaaatgcat cgccaagcac tggggctgat ttgcagtaat totctaagca 180
aggcaaacat gatctagctt tgaaggcagc atgaaggcag cgggttgggtg agaacaatct 240
ctccttaaga gaagaagaaa cctggggcgg aaggagtitt ccccggaagt ggcttgccag 300
cccaccctct ctgaaccaca gccatggctt ccttcccaag gccactgctg gcttcccaac 360
aacgcagatt cagttctgac tgtgggatct gggggctgaa tctttgaatg gtttatggct 420
aaaagctagg atacatctaa catctggcga caactntggg tcccgagnta totctaactg 480
gctgntcttt ggaaactttc tgagttagaa gttctttcca atagctttac atagcatctg 540
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<210> 7202

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7202

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aattttcatg gatcaggccg ggcgagtggt ctacgcctg taatcccagc actttgggag 120
gccgaggtta gcgcatcatg aggtcaggag atggagacca tcctggctaa cacagtga 180
ccccatctct actaaaaata caaaaaaatt agccaggcgt ggtggcgggc gcctgtagtc 240
ccagctactt gggaggctga ggcaggagaa tggcatgaac ctgggaggga gagcttgagc 300

09629469.072800

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cacagatagc	tcttggcttt	tcaattgtgg	tttctttttt	taatgtctta	ctaaggggga	300
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catgtggagt	aaattaatct	ctttcatgca	tgccctcgtc	tctggaaaaa	gtaaaacaga	420
ttngttaga	catttaccaa	gtactttttc	tggtggnggt	cactgcccta	acctatcaaa	480
actgggttct	acccttaana	acttacatgg	antaaggngg	catccaacaa	accagacntg	540
gagtcatggg	ngaggggc					558

<210> 7206

<211> 480

<212> DNA

<213> Homo sapiens

<400> 7206

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tcagtgagcc	ccagccaaga	tgaatgcaaa	gaaagtccta	tttaggcnc	tnatgggcag	120
actgctgaaa	atcaaagaga	gagaatgtgg	aaagcagctg	gggtgagtgg	ggtgggagga	180
gacaattata	cataggaaaa	caacgctnca	aaagactgca	gacttntcat	agaatcaatg	240
caagtcagca	aacaatggaa	cggcncgat	ggatctgcca	gtgtcagtc	canagcggac	300
cccaaaaagt	ttcaggcgtg	gactngcact	gtctgacatt	tccatcgatg	gcctgcatna	360
ngaattggcg	gtgaacatcc	tcttncatnt	ncactggggg	tggaagggtt	gaacctgccc	420
cccanaagg	aagcccgttn	ccgaatcaaa	tggcttaagc	ttgggctntt	gtgngcctt	480

<210> 7207

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7207

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ttgaggaaaa	aaatacaaaa	aaaggatgca	aaatatatt	tcctatttag	aaggattttt	120
ttttctagat	ttcctgctac	tgctttactt	tcttgttgct	gaaagaaaa	tattttgtct	180
tcccgtgttc	tatttaaagt	ggagaataaa	aatgccaaat	taatgctatg	tattaatgaa	240
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ctaaaaaaa	tttgtaggga	ggtagatatc	tttgtgaaca	ggttgagctc	tccttacaac	420
gaacagcagc	ttctatcttt	caatgcaatc	tggcagaaag	actagctcat	cacaaagcag	480
aaaaggaatt	cattanttaa	aggtgaagga	ntggcccan	ccnttagccg	aanaaaattg	540
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<210> 7208

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7208

gagacacagt	ttcactctgc	tgcccagtct	ggagtgcagc	gggcaccatc	tcagctcact	60
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gcaacctcca	cctcctgggt	caagtgattc	tgggtgcctca	gcctccagag	taggaactac	120
aggcatgtgc	caccatgccc	ggcttatttt	ttgtattttt	agcagagacg	gggtttcacc	180
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aaagtattga	gattgcaggc	gtgagccacc	gcgcccgcc	aaaataataa	tatgtttttt	300
atcctgacaa	acatgtacaa	tttagtgaac	cactttggaa	ctagtaccgt	gcactttacg	360
tatactttag	attctgaata	tacgaaaatc	ctaattattcc	agaggagtaa	cactggctag	420
aaagttgcac	aatgaaaatt	ctatgncatt	taacaagttt	ttggtatttt	taagaacccc	480
ccaaggttnt	agaagccngg	tnttgatagc	tagggccctg	gccttaaggc	ccnaggtcta	540
natagncaag	gaaaaatn					558

<210> 7209

<211> 154

<212> DNA

<213> Homo sapiens

<400> 7209

cttttgagat	ggagtcttgc	tctgcttccc	aggctggggt	gcagtggcgt	gatctcggct	60
cactgcaata	tccaactccc	ggattcaagt	gattatcttg	acttaacctt	ctgagtagct	120
gggncaanag	antcgcgcga	acccnntag	cnna			154

<210> 7210

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7210

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aacaaaggaa	aagggagggg	gagagggtgaa	ggggtcagct	agggtaaagg	agtgaagaag	120
gctcagatta	cccctgccat	tctgccaggg	cagaagggat	cagagtctgc	cccaactgaa	180
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gaaacactgn	gtttctggan	ggtccctgga	atggncagaa	cttgaaggat	cctcttcagg	480
gtcttcaata	tcagtgtagg	aaccagtctt	gggggtagcc	cccaccttgt	tnaaaagctc	540
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<210> 7211

<211> 540

<212> DNA

<213> Homo sapiens

<400> 7211

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caacctccgc	cttctgggtt	caagtgattc	tcctgcctca	gcctccacag	tanatgggac	120
tactggcatg	caccaccatg	cctggctgat	tttttttttt	ttaagtanan	aggggggttc	180
accatgttgg	ccaggctggg	ctcgaactcc	caacctcagg	ngatccacct	gccttggcct	240
cccaaaatgc	tgggattaca	ggcatgagcc	acaccagcc	aatggaanag	gcncctttta	300

anaatggaaa	aaagtgcctg	acatgacttt	cactttttcca	taaagagtgg	acgtttttaac	360
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aaagaataaa	gggggatcct	gaaaaaantgc	tacttttaaaa	ggcatntgcn	ccctgataaa	480
ggatttgacc	ctctaanggg	gcnacagttt	ttttacncta	cgtcttttgg	gcttacccaa	540

<210> 7212

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7212

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atgccagct	aatttttgta	tttttagtag	agacggggtt	tcaccatgtt	ggccaggatg	180
gtctcgatct	ctggaccttg	tgatccgcct	gcctcggcct	cccaaagtgc	tgggattaca	240
ggcgtgagcc	accacgccc	gccaggcact	tcaaattttt	tgtctctgtg	tgtctgcgaa	300
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gtacccaagn	tccctcatta	tctgaggagg	gcancatatg	aaacttaatt	agacttcttc	480
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<210> 7213

<211> 532

<212> DNA

<213> Homo sapiens

<400> 7213

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gtttatgata	caacaaaggg	acttttaggc	tgataaagtt	atggaacatg	agacttcagt	180
cttcttatta	aatggccaaa	tggaccaagt	gtttgcatga	aagctaattc	ttcctttcat	240
gaaaaggaaa	ttaaaccac	ttgctccga	atgggatgat	tttcaggagt	cctgagccat	300
gttctggcag	aaagctgggg	tctgtgacca	taaagcagga	ctgctgtcat	ccaggcagat	360
aattattatc	aggaacgcct	aacattgctt	ctttctgcag	tttcatgtgc	cttgggtgaag	420
atgtaagctt	tctgaagact	accttgcac	agnctttgng	ggctactcca	tatatgagaa	480
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<210> 7214

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7214

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caggcacgtg	ccaccaggcc	cagccaattt	ttgcattctt	aatagagacg	gggtttcacc	180
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aaagtcctgg	ggttacaggg	gtgagctacc	gtgcctggcc	ttaagtatgt	gaagtatctt	300
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acagggccag	gactagagcc	caggtctctg	gactctatgt	cccagacatg	attctttgat	420
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ggcttggttg	aagtccatan	gggaactggc	angcacaacc	ttncctnagg	atcttgngtg	540
gcaaagnttg	cttttactga	ggcng				566

<210> 7215

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7215

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ggattacagg	catgagccac	catgcctggc	taatttttgt	atttttcgta	gagacggggt	180
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cagaaaacca	aacactgcat	gttctcactt	ataagtggga	gctgaacgat	aagaacacat	420
ggacacactg	tcgggggaac	agcacgaact	ggggccctt	ngggggtgca	agggtgaaaag	480
gaanggagaa	catnaggaan	aatagcttat	ggatgctggg	gtaanaccta	ggngaccggg	540
ttanctg						547

<210> 7216

<211> 528

<212> DNA

<213> Homo sapiens

<400> 7216

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gaaaactttg	tatttgttaa	ttgggataac	ccaccatttc	aggcctcaat	tcccttttga	180
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acatatttat	accatttaac	aatactaagg	taaataatgg	atttatgggt	tggttcanga	480
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<210> 7217

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7217

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ccccaataaa	tcttgnttcc	cgttgngggg	gggggagctt	atctgccaaa	gggggggtggc	540
aattttttcc	cccngggg					558

<210> 7218

<211> 545

<212> DNA

<213> Homo sapiens

<400> 7218

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ctgggattat	aggcgtgtac	caccacaccc	agctaatttt	tgtattttta	gtagagatgg	180
gggtttcacc	atgttggcca	ggctgggtctc	gaactcctga	cctcgtgatc	tgcccacctg	240
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tcttaaccaa	actggaaaac	agcactgaca	ttattgggtg	gtcatctttt	ttcatgtgtc	360
actgatgaag	tttgaatggt	ttgccctaac	cccacctttc	ccatgagtcc	tctggntttg	420
ngtgattttg	ctaacttggg	gatttttagg	aatgaatatg	tcaagtgata	gtaacnctaa	480
tgggatgaac	aattnccaaa	tttcanttct	atccaaatat	ttnttttgaa	naagggaccc	540
ttttt						545

<210> 7219

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7219

gcagggggag	ggggatggtg	aggtagggga	ggtgatgaat	ttaactgtac	tgaaaatggt	60
acaaggaaat	caaactgcag	aaaaaaacag	ttccacattt	agttacattt	tagttttggg	120
ttttcccag	acattgcagg	ccaaattaga	gttaagatga	ggaaatcctt	tcagtcctca	180
cagaccagac	ttggctttat	aaaacataat	caagtcccac	tatacaacct	aggtgttagg	240
aagcaactag	agttttcaag	gtagatctgg	gcaacacgca	gacacctcca	tttctgaggc	300
tgaaggaaac	atgcaccagt	gctaactgcc	acgcatatga	aaaatgtgaa	ctcctagcac	360
ggtgacagta	gctgtatgct	gaataccatt	taatttaata	agcatttggt	tgttgaatac	420
cttatgcatt	caaataacag	agcacttctn	atcaacaatg	cttcagccta	ccaggattct	480
gaaaaggagt	cccaaatagc	tcaattttac	ctttggnant	ttctgctnaa	aaataaaaagt	540
gaanccnccc	ctn					553

<210> 7220

<211> 542

<212> DNA

<213> Homo sapiens

09629469.072300

<400> 7220

gagacggagt	ctcgctctgt	cacccaggct	ggagtgcagt	ggcgcgatct	cggctcattg	60
caagctccgc	ctcccgggtt	cacgccattc	tcctgcctca	gcctccanag	tagctgggac	120
tacaggcacc	caccaccacg	cccggcta	gttttgtatt	tttagtanag	atggggatc	180
actgngttag	ccaggatgat	ctcgacctcc	tgacctcgtg	atccgcctgc	ttcggcctcc	240
caaagngctg	ggattacagg	cgtgagccac	cgcgcccggc	cctatttttt	gaaatcatat	300
ccatcttaaa	ctcattgaat	attcaaatat	gaggcttgga	aaaccacag	cacagctggg	360
gcatgaaaat	gggcttggtt	gacaagctga	ttcaactagg	ggggaaaaaa	gaggagggaa	420
gaaagcggca	atttatatgt	gtgaaatn	caactgggaa	tcaagnttan	ctgtttggaa	480
atnttcagc	tcattgggag	tntttgaant	ccagaaaact	tgggctttta	aagatggggg	540
ga						542

<210> 7221

<211> 444

<212> DNA

<213> Homo sapiens

<400> 7221

cttttgagac	tgagtcttgc	tctgtcgccc	aggctggagt	gcagtggcac	gatcctggct	60
cactgcacac	tctgntctcc	aggttcacgc	cgttctccag	cctcagcctn	tggggtagct	120
gggaccacag	gcgcgcacca	ccatgtccag	ctattttttt	gnatttttag	tanagacgga	180
gggaaggttt	caccgngtta	gccaggatgg	ntcgcgatctc	ctgacctcgn	ganccgcctg	240
ccttggcctc	ccaaagtgtc	gggaccacag	gngtgagcca	ccacgccag	cctaaatgtg	300
actcaatgnt	aaattagttt	gcatttttagg	ctgggtgcaa	tggcttatgc	ctgtaatccc	360
ancactgtgg	gaaggccan	gaaagcggga	tcacttgagc	ccagganttn	aanaccaacc	420
tgggcaacct	angggaaact	tngc				444

<210> 7222

<211> 549

<212> DNA

<213> Homo sapiens

<400> 7222

gaaatggaat	ctcgctctgt	cacccaggct	gaagtgcagt	gtcacattct	gactctactt	60
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tcagttcctg	attattgcct	gcattgtcag	actgattttt	ttctacaagt	agggtttgca	180
gaaactggat	ggatcatgatt	aaagcccatg	aatggaaagt	aacaatgaca	taaaaagctt	240
tctctgtatt	cattttttta	atgctgagtt	ttccccaatt	ttagttatat	acagttctga	300
agtatcacat	acattctgat	aaagaacatg	taagatctaa	ccactatcag	tatttaggga	360
aagaacatca	gattactgaa	acaagacagc	cagtgccttg	ttaaagcaga	tatgaaagca	420
atgtctgagc	acttagaggc	aaacaataga	atccagtttc	atcatattaa	ttaagccaaa	480
tcctatttat	taagagatat	taaggggtct	canaatcttc	aggagggccc	anggtaagtt	540
acctgccc						549

<210> 7223

<211> 536

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 7223

aacatatcaa	aatgacagca	ctttatttct	ttttttgaga	tggagtctcg	ctctgttgcc	60
caggctggag	tgacagngca	tgatctcagc	tcactgcaac	ttccgcctcc	tgggttcaag	120
ngattctcct	acctcagcct	cccgaatagc	tgggcttaca	ggcatgcacc	accatgcccc	180
gctcattttt	gtatttttag	tanagacaga	atttcacccat	gttggccagg	ctggtttcaa	240
actcctgata	tcaaatgata	tgcttgccct	ggcctcccaa	agngctggga	ttataggcgt	300
gagccaccac	gcccagcoga	cagcacttta	ttttgatgaa	ttcttttggt	tcggataagg	360
ngtgtacttt	gnctaaatct	ttccccacat	tcaagacatt	tgtaaggctt	ttccccagtg	420
ngaattctct	ggggnntaat	gagggtttgc	actctgattg	aaacgtttcc	cacaaacngg	480
acatcctaag	ggnnttttccc	canggggggat	tttngggggg	ttaaaaaggc	caacccc	536

<210> 7224

<211> 131

<212> DNA

<213> Homo sapiens

<400> 7224

gagatggagt	ctcactctgt	cacccaggct	ggggtgcagt	ggtgcgatct	cagctcactg	60
caagctctgc	ctcctgggtt	tatgccattc	tcctgtttca	gcttcccagag	tagctgagnc	120
nnnagantnn	c					131

<210> 7225

<211> 552

<212> DNA

<213> Homo sapiens

<400> 7225

gagacagagt	ttcactcttg	ttgcccaggc	tggagtacag	tggcgtgata	tcggctcacc	60
acaacctccg	cctcccagggt	tcaagtgatt	ctcctgcctc	agcctcccga	gtagctggaa	120
ttacaggcat	gtgccgccac	gtccggctaa	cttttgtatt	tttagtagag	atggggtttc	180
tccatgttgg	tcaggctgggt	catgaactct	tgacctcagg	tgaaccgcct	gccttggcct	240
cccaaagtgc	tgggattaca	ggcggggagcc	actgcgcctg	gccagttacc	tacttcttag	300
agtagtggtg	aagaatactt	aaactatcac	acttcaccag	cttacaacag	ggccaggcac	360
atgggaagca	atcagttggt	atcagtattt	actatgactg	atgccaccgc	catgtcacca	420
gtcaatggcc	ttccttccct	cctccaggat	ttactaacat	acatgtttta	tggggtaacc	480
nttcttaagg	tttccatggt	aaaccttttt	ctaggaagga	aaactggagt	taacattgaa	540
aactggggnn	cn					552

<210> 7226

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7226

gagaaagggt	ctctcgctct	gttgcccagg	ctggagtgcg	gtggcgtgat	ctcagctcac	60
tgcaacctct	gcctccagggt	ttcaagagat	tctccacact	tagcctcctt	agctgggacc	120
acaggcacct	gccaccacag	ccggctaatt	tttctatttt	ttgtagagat	ggagtttcac	180

catgttgccc	agggtggcct	cgaactcctg	acctcaaggg	atccgcccac	ctcagtttct	240
caaagtgctg	ggattacaag	tgtaagccac	tgctccacat	ttaactccaa	tgatgctgag	300
cacaacccag	cactctaatt	acaaaaattt	gttttgttat	aactgaacat	tccctttcta	360
ttttagactt	tcttggtga	acatctctct	ccccagccc	tattcatttt	catcaccatc	420
agatntaaga	aaacncgaga	tcttataaag	ncaattttta	aaaccaggac	catggttgnt	480
aattcangga	aatngnaatt	tggaatccct	atactcaggc	tgnggcaatc	aancganitc	540
tggttac						547

<210> 7227

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7227

gcgacggagt	ttcgctcttg	ttgtccaggc	tggagtgcaa	tggcacaatc	acagctcacc	60
acaaccgccg	cctccctggt	tcaagcaatt	ctcctgcctc	agcctcctga	gtagctggga	120
ttataggcat	gtgccaccac	acccagctaa	ttttgtattt	ttagtagaga	tggggtttct	180
ccatgtcggg	caggctgggc	tttaactccc	aacctcaggg	gatccgccc	cttcggcctc	240
tcaaagtgtc	gggattccag	gcgtgagcca	ccgcgcccg	ccgggaaatc	caattttacg	300
tgaatcctac	attacagtac	taccttaaga	gcggcgtgga	gggcatcgtc	tcagctcaac	360
tacaccagat	gcctgaaagg	gtgacgccaa	ggccccctnt	gcttttggaa	cttgacaagg	420
tccaatggca	cctgcaaacc	tgagtggcct	ngcctggggg	gaatttgctg	aactgaaggg	480
gggaatggct	anaataactg	ntttactgat	gggactccgg	cttcctttan	gggacatccc	540
caactgaatt	tgg					553

<210> 7228

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7228

gagcatgttc	aaagacagaa	gtgtaggcct	gtgggctttg	gcactcaagt	ctgagtatgg	60
tgagccaaaa	attgacgtat	gottgaggac	tgagtgggga	ctcttaaagt	ctgttctgtg	120
ggaaaatctt	ctagaaggta	gagttcatga	aatttccaaa	tatctcaatg	ttacaaaaac	180
tcaaaatggt	ggccatagtc	ataaagtatg	gcctccagtg	gatgagtgga	cgcgtggagt	240
tagaaataag	gaaggatatc	atttatittt	ttttacgatt	tttttttgag	acagagtctt	300
actctgttgc	ccaggctgga	gtgcagtggg	gtgatctcgg	cttactgcaa	cctctgcctc	360
ccgtatccaa	gcaatttgtc	ctgcctcaac	ctcccgagta	gctgggatta	caggcgcccc	420
ccatcaagct	cagctaattt	tgnattttta	tagagatgtc	gtttcaccat	gttggccagc	480
taaaaatncc	aaaaattaac	tgggcatggg	ggtgcaccct	ggaatcttng	gcccctggga	540
agcttaaccc	ggaaattctt	tgancccgga				570

<210> 7229

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7229

09629469.072300

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nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	120
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	180
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	240
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	300
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	360
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	420
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<210> 7230
 <211> 573
 <212> DNA
 <213> Homo sapiens

<400> 7230						
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gcagcctccg	cctcctgggt	tcaagcaatt	ctcctgactc	agcctcccca	gtagctggga	120
ttacaggcgc	ccgccaccat	gcccagctaa	ttctttgtat	ttttagtaga	gacagggttt	180
caccatgttg	gtcagactag	tctcaaactc	ctgacttcag	gtgatccacc	cgccctggcc	240
tcccaaagtg	ctgggattac	aggcatgagc	caccacgccc	ggcccatttt	agccattttt	300
aagtgcacat	tcagtagtgc	taggtatatt	cgcattgttg	tgaaaaagat	ctcccaatgn	360
tttcatcttg	caaaacaaac	tctgtaccca	ttagacagct	cccatttctg	ccttcccaca	420
agcaaccacc	attctactgg	ttctatttat	ggaccccata	ttagtagaat	catatagnat	480
ttttcntttg	gaactgggct	tatttcactt	aacataangg	tcttaanggt	catctatgnt	540
ggggcatatn	ggangaattc	cttccttttt	aaa			573

<210> 7231
 <211> 573
 <212> DNA
 <213> Homo sapiens

<400> 7231						
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ttatcaagtt	aattgtcaca	atcccagggt	tgggtgcagt	ggctggggta	aaacattttg	120
ctgtatcttt	catgatgttc	ctgatttctc	tctttttttt	ttttcttttt	gagacagggt	180
ctcactctgt	tgcccaggct	ggagtgcagt	ggtacgatct	cagctcgctg	caacccctgc	240
ctcccgggct	caagcgattc	tcccacctca	gcctcctgag	tagctgggat	tacaggcatg	300
tgccaccacg	cctggcta	ttttgtattt	ttagtagaga	tgggggtttc	accatgtttg	360
ctaggctggg	ctcgaactcc	tgacctcagg	tcatccaccc	gcctcagcct	ccctaagtgc	420
tgtgattaca	agcgtgttcc	tggctctctt	gnatctgcga	tataactggg	aactctgcct	480
tantcctgag	caaggctttc	tatcangncc	ccangccact	taattaccgg	gttggagaat	540
ttacctncaa	aatatgccca	anggaacact	ttc			573

<210> 7232
 <211> 575
 <212> DNA

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<213> Homo sapiens

<400> 7232

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catgacctca	gctcacagta	gcctcaacct	ccttggctca	agcaatctca	cccatttcag	120
cctccanagt	agctgggacc	acaggcatgg	gccaacacac	ctggctattt	tttttttttt	180
tttttttttt	ttttgtaaan	atgggggtctn	tntgttacc	aggctcctaa	cncattttta	240
aaaagataac	aatntttgac	aatatatcat	taactgccac	atgaaaggcc	ttgataaatg	300
ctatggtcan	aaggaaaaga	cncatttttag	ctanaatgat	cagaaaatca	nagccaanat	360
gggcatgggg	atanagnggg	aatgttagct	atgccagtaa	taagaaagaa	tatntgcata	420
aactggaaat	aggaaagggg	ggagaaaggg	gcaggataaa	aggctggcaa	gcaaaggnaa	480
attccaagga	tagggattag	gctaattctca	gaaaaacctt	tgaagaaaat	tgnaaccttt	540
ttttccaca	aaacntttna	aaaccttccg	naaag			575

<210> 7233

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7233

cttttgagat	ggagtttcgc	tatttcactc	aggctggagt	ggagtgaagt	ggcgtgatct	60
ctgctcactg	caacctgtac	ttcccgcatt	caagcaattc	tcctgcctca	gcctcccaag	120
tagctgggat	tacaggtgcc	caccaccacg	ctaggcaaat	tttgtatttt	tagtagagat	180
ggggtttcac	catgttgcc	aggctggctc	caaactcctg	acctcaggtg	atcctcttgg	240
acacctcagc	ctcccagagt	gctaggatta	caggcgtaag	ccactgtgcc	tcgcaacatt	300
tttcttctta	atgttcgtag	gaggctaaaa	agacagggaa	atctttcctt	taacacgttc	360
ttttaagctt	ttatttgtgc	atgctgagca	atgtagcctg	taactattct	gtggctacac	420
tgcaaaaagct	ttcttctgac	attaactctc	agttccgtaa	ctgcatgtta	agcatacccc	480
tacctgggaa	atatctcttc	tgggggaaaa	tccatngtga	cagcattaga	accccgaccg	540
gatanaaggn	ctgtggaatt	cgaatt				566

<210> 7234

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7234

gagattgagt	ctcactctgt	cacccaggct	ggagtgcagt	ggcgcgatct	cagctcactg	60
taagctctgc	ctcctgggtg	cacgccattc	tcctgcctca	gcctcccaag	tagctgggac	120
tacaggcacc	cgccaccaca	cctggctaata	tttttttgca	cttttagtag	agacgggggt	180
tcactngtt	agccaggatg	gtctcgatct	cctgaccttg	tgatccacct	gccttggcct	240
cccaaagtgc	tggggattag	aggcgtgagc	caccgcgccc	ggcgacagtg	atttctttga	300
ggctagccat	tggctctttc	acttctgcat	ttccagcagt	tagtttgggt	tgacagcatc	360
cagcacagga	taggtgctaa	agggaaattt	gncatggata	ggaagggatg	ctccaatttg	420
gcttctgaga	accaggaatc	agaaacangn	gctcttcggt	ggctnggcta	acataaattc	480
aangaatggc	agggattcac	aagccnaatt	ggttgggaca	tcngccata	tggcntggaa	540
ttggttttta	aaaaatatca					560

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<210> 7235
<211> 568
<212> DNA
<213> Homo sapiens

<400> 7235
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 60
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nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 240
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nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 480
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nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnn 568

<210> 7236
<211> 564
<212> DNA
<213> Homo sapiens

<400> 7236
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gcagcagaca agctttgcc a gctttgtgt ctcagtggaa atgcagcatc cgagccatcc 120
tctcttcccc ccgcttgttg tcagctctaa atagcacact cacagcgagg ggggaaaata 180
tttttccttg tttcaagtgg gcagtggagg tagtgaaagc ctaagtaaac tctgaccatt 240
agataatggg ccattataac tctggatgac ttctgaagg accctgaaaa atgacttctc 300
atttcttgcc tgcagaaaag agaaatatta ggatagtgtt gtgtgcaaaa aaatgcaagc 360
ttgcaatgag agatgcagag tgtgaggagg agaggcacga aggggggtgga gaaaaaagac 420
agagaatttg aggttgactc acggctttga agggaaaaca ggaagangaa gaaagtctgt 480
ctnccatggg tcggcaaccc acactttaca cattttttcc atggggcttg ccncttgccg 540
cccatnaca cttgggcttg ccnc 564

<210> 7237
<211> 551
<212> DNA
<213> Homo sapiens

<400> 7237
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acctcccagg ctcaggatgat cctccacact cagcctccc ggtagctggg actacagggt 120
tgtgctgcca tctcggcta atcttttgtt ttctgtttcc tttttttttt tttttttttt 180
tttganatgg agttttgctc ttgttgccca ggctggagtg cagtggcgtg gtctcggctc 240
actgcaatct ccacctcctg ggttcaagcg attctcctgc ccagcctcc caagtagctg 300
ggattacagg tgcttgccac cagcccgagg taattttttg natttttagt ananatgggt 360
ttcaccatct tggccaggct ggctcgactc ctgacctcat gatccgccc cttggcctcc 420
aaagcgctgg ggattacagg tgtnaaccac tngccccaac catttttgaa ttttttttga 480

nacagctntt ggtccgttgc ccaacttgaa tccanggggc aaatttaant tactggaanc 540
ttgcctctgg n 551

<210> 7238
<211> 551
<212> DNA
<213> Homo sapiens

<400> 7238
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caagctccgt ctctgggtt cagccattc tcctgcctca gcctctcaag tagctgggac 120
tacaggcacc cgccactacg cccagctaatt tttttttttt tttttttttt tganatggag 180
tcttgctntg tcgcccaggc tggagcaaca aaaataaact taattcctct tggncacca 240
gttaccaatc tgnacctntn tcaccctcag ttctcaattc tnttccaaag atttgcata 300
aagttgatat ctggttatgc tctgatctac cagtctttna atactagtgt gtgagaaaga 360
aacctgcctg ccacaatttg cttaccaact atttgaacat aacaccctct atattagccc 420
taagaaattc tcaactaagt catgtgacaa gaattcctct atttgaacaa tnattccaaa 480
ccaggatttc actgggntca attttcaggg gtttancct ttgnttaagc cccaggaag 540
ttttnaaaaa n 551

<210> 7239
<211> 543
<212> DNA
<213> Homo sapiens

<400> 7239
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ggttttcttt ctcttcattc tgttaatgcg gtgtattaca ctgattttct tatgttgaac 120
tacccttgca ttctgttaat aaatcttgct ttgtcatact gtataatact tttaatattc 180
tgttacattg agtttgccat tattttattg agaatttttt acatttacag tcatatggaa 240
atattgcttt ttttttttct tgtggtgtct ttaggtagct ttggtataca tgtaataatt 300
gctccataga atgagttaaa aagtgttctt ttttagggaa gaaaactttt ttaaaaagga 360
ggtttggtg tcattattct tttcattttt tttaaacaga gtttgctctt ggtgccacc 420
tggaatgcaa tggccaatc tcagctcact gnacctcggc ttccggatca agcaatctcc 480
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<210> 7240
<211> 581
<212> DNA
<213> Homo sapiens

<400> 7240
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tacaggcatg tgctaccaca cctggctaatt ttttgattt ttagtagaga tggggtttca 180
ccatgttgtc caggctggtc tcgaactcct ggctcaggt gaccgcccc ccttagcctc 240
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003220.69462960

tgtttgttg	tttttgagac	acagtttcac	tctgtcacc	aggctggagt	gtagtgttgc	360
aatctcaagc	ttaatgcaaa	ctccacctnc	tgggttcaag	tgattcttgn	gcctcancct	420
nttcgaagta	gctgagatta	cagggaagtgg	taccaccatg	cccggnttaa	ttttttggan	480
tattaagtaa	gaagacnggg	ctttcaccca	tggtttgggc	ggggttgggc	ttnaaacttc	540
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<210> 7241

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7241

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attataagca	tgcaccacca	caccggctaa	tattttgtat	tttcagtaga	gacagggttt	180
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ctcccgaagt	gctcggatta	caggcgtgag	ccaccacgcc	cggccaaggt	ttccattttc	300
tgtgctactc	caaaatcctc	tcccttgcat	gtcatggaat	gcagccagcc	taacttccta	360
aactcaaaaa	catcccattg	aaattcctgg	tactcaaggc	tcctgctccc	acggtaggac	420
aagcttcagg	ctcccccaag	tgcantgtgg	gccaggagct	cgaactattc	ctngnttggc	480
ctgggtcaag	ctggtgaagt	ctgattcttt	ctcgtctaga	gcaggaaaaa	ggggggcaag	540
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<210> 7242

<211> 433

<212> DNA

<213> Homo sapiens

<400> 7242

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cacaggcgcc	cgccaccaca	cctggctttt	ttttttttt	gagacagagt	ctcattctgt	180
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caggccattc	tcctgcctca	gcctcctgag	tagccgccc	gctgatttgt	ttttttttt	300
ttttgnagtt	ttagtagana	tggggcctca	ccatgttagc	ctagttttgn	atttttttt	360
agtaaaaaat	ggagtttcac	catgttggcc	anactggctt	gaactcctga	cctnaagnga	420
tctgnccgnc	tna					433

<210> 7243

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7243

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tgtaaacccc	acactccttt	aacagaacca	tgcttgctgc	ccttaccctg	tccacatccc	180
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tggcaggggg	ctccttatga	ttaaccacaga	acaggaaaaa	cttagtgtca	gctgaccgaa	300
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ctggagtatc	ttcagcatga	gcacagagat	tcccactgcc	gaaatattcg	gaatactttc	420
cttgatttct	cagagagact	catggagtcc	gtttcanctg	gctggctaga	ctggttgtgc	480
cccaaganga	tgggtcaacac	tggttttcaa	cctggctctg	ctggggccct	ggcatctggg	540
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<210> 7244

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7244

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attacaggca	tgcgccgcca	cgcctggcta	attttgtatt	tttagtagag	acagggtttc	180
tccatgttgg	tcaggctggg	ctcgaactcc	cgacctcagg	tatctgccag	cctcggcctc	240
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tttcattctt	atttaaaata	atatgacgac	gagcaagaat	cctgtttcca	gcttaacagg	360
cattaggaga	gaaaaaagat	naactaaaca	ggactggagg	ctgactaact	ggggggtagg	420
caggaaggag	aatttcaact	gtcagaataa	gaagggaaaa	gctngaaggc	agacaaccgg	480
accacctgga	aatgacccaa	tgctnttanc	cagggaacta	acttccatca	tggattttaa	540
agcccccaga	aatac					555

<210> 7245

<211> 501

<212> DNA

<213> Homo sapiens

<400> 7245

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tgtcagattc	tgtggacatt	tggaggctag	gaggtaagat	tccaaaacca	gcatgtcaac	180
caaagccaat	aataaggcct	ctcaaatacc	taccacatat	ctgaagagaa	acttttaaca	240
gttttacta	tatatattaa	acaaaaagtc	agaagagtaa	aaaagtccca	ttttaaactg	300
tatatatacc	atcttaattc	ttgtgttgga	ctatagtaaa	taacaaaatc	angncagggtg	360
cagtggctca	cgcctgtaat	cccagcactt	tgggaggccg	aggcggcaga	tcacgaggtc	420
aggagatcaa	gaccatnctg	gcgaacacng	gggaaacccc	gtccctacta	aaaatncnna	480
agattggccc	ggnggtggng	g				501

<210> 7246

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7246

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gaggcctcaa	gaaacttaca	gtcatggcag	aagggcgaag	ggaaagcaag	caccttcttc	120

acatggcaga	gggagagagc	aagcaaaggg	ggaagtgc	cacacttaac	cagatctcat	180
gagaactcac	tgtcatgaga	acagcaaggg	ggaaatctgc	ccccatgac	caatcacctc	240
ccaccaggct	ctacctccaa	gactcaggat	cacaattcaa	catgagattt	gggtgggggg	300
acacagccaa	accatatcat	tccaccctgg	cccctcccaa	atctcatgtc	ctcacatttc	360
aaaacacaat	catgccttcc	caatagcccc	ctaaagtctt	aactcatttc	agcattaact	420
caaagtgtcca	agtcaagtc	catctgagac	cagccaagtc	ccttccttct	gtgagcctgt	480
aaaatcaaaa	accagtcagn	tatttncaag	atccaatggg	ggatcnngca	ttgggtaa	540
gctcccattc	caaataaggag	aan				563

<210> 7247

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7247

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caacttccgc	ctcctgggtt	caagcaattc	tcctgtctca	gcattccgag	tagctgggat	120
tacaaacacc	caccatcacg	cctggcta	ttttgtattt	ttagtagaga	cgggggttca	180
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aaagtgcctg	gattacaagc	gtgagccacc	acaccagca	ataataggta	acttctaaga	300
cccatagcca	gtaagacgcc	cagctaggat	gtgaactcca	gtcctgtctg	agaacacctc	360
tcccactccc	ctggattggc	ttgatgcctt	gagtcaggac	ctcaggagtg	cacgcctctg	420
gaaagtcctt	agcacaggca	agctgtgccc	cgaagtggat	gcagtcattc	tgggaatacc	480
gggaaaagtg	ggaatgcaag	ggaacatnca	catttaangg	gtangtggan	aaacgggaag	540
gaacccgaac	cagcccggaa	ggtagg				566

<210> 7248

<211> 545

<212> DNA

<213> Homo sapiens

<400> 7248

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gcagcctcaa	cctccccaag	ctcaggngat	tctcctacct	cagcctcctg	agtagctggg	120
aatacaggcg	tgtgccgtca	tcctggngga	ttttgtattt	ttttgtanan	acgggggttc	180
accatgttgc	ccaggctggg	ctggaactcc	tgggctcaag	ngattcacc	gcctcagcct	240
tctgaagtgc	tggcattaca	ggcatgagcc	atggngccag	cccaaattt	tctcttctta	300
ttaggacact	attcanattg	tattagggct	catgccaatg	gcttcattta	ctctaaatta	360
cctctttaaa	gcccttatct	cctaataat	ccacattctg	cagtactgga	gggtagggct	420
tcaacataca	catttttggg	gaacacaatt	taccccataa	caaccagnca	atncccagta	480
acaaaaaaa	anncctggaa	tttgagggaa	actcaaagng	gttggaaga	aactnttggg	540
ggcnc						545

<210> 7249

<211> 561

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 7249

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caggctctgc	cccccggt	tcacgccatt	ctcctgcctc	agtctccga	gtagggtggga	120
ctacaggcgc	ccaccaccat	gcctggctaa	ttttttgtat	tttttagcagt	gacgggggtt	180
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ccaaagtgt	gggattacag	gcataagcca	ctgcgccgg	cctagttttt	aattttttaa	300
gctataattc	acataaccat	aattttcact	ctttaaaagt	acacaatcca	gtgttttttg	360
ctatattcac	aaaattgtac	aatcatcacc	attatctaag	ttctggaata	ttttcatcac	420
tccaaaaaga	aatcccatat	ccattagctg	ncacttccta	ttatctttcc	cttaaaattc	480
tnggaaccnc	tnatctatat	tgggggttaa	ganctggctt	aacttggaant	ttacatgaat	540
gggataatcc	agaagnggtt	t				561

<210> 7250

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7250

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catcactcaa	gagctctacat	gatttggccc	caagatactt	ttcaaagtcc	atttctcagt	180
tcataatagc	ccccatcaaa	ttactcatgt	tattgtactc	tgtttccacc	ccttccattt	240
tttttcttat	gtttatgcct	ttcttttttg	ttcctgtctc	tgctttgatc	tacaccatc	300
tgattttcta	aactgtatga	agtgtctagt	agagtgcctg	ggacatagca	attgctctat	360
acgtggcaga	tgttattatc	tgaggttcct	aagtggatca	acccaaggta	tgttctttat	420
ttnnntattn	ntttattttt	tgggatggaa	tctcattcca	ttgcccagct	ggantgcant	480
gtgcaatggt	gaaatcttag	ttactggaac	ctcggctcct	gggggtcaagg	gatnctggga	540
ctacagggcc	ccccacntgc					560

<210> 7251

<211> 487

<212> DNA

<213> Homo sapiens

<400> 7251

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caaccttgac	ctctcagggt	caagtgatcc	tcccacctca	gcctccaag	tagctgggac	120
tacaggcaca	caccaacaca	cctggctaat	ttttaaattt	ttttgtagag	acagggtctc	180
actatattgc	ctaaactgat	cttgatctcc	tggactcaag	cgatcctccc	accttggcct	240
cccaaagtgc	tgggattaca	ggtgtaaacc	gccgtgccca	gcaattttta	attttttgta	300
gagatgggat	ctccctttgt	ttgttgccca	agctgggtctc	aaactcctgg	gctcaagcga	360
tcctcctgcg	tcagccttcc	aaagtgagat	tacnggtaga	aaccncttaa	aaacaatttt	420
ttatcttcag	cttttaangg	gnacatatgc	nggatgtgca	aggttggtac	atangnaaaa	480
ggtgtgg						487

<210> 7252

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7252

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cagcctcaaa	ttcccggctt	caagtgatcc	tctcaactcg	gcatcccaaa	gtgctggaat	120
tacagggtgtg	agtcattgta	cctggccagt	caaccattgc	ttaaagcgaa	atatttctct	180
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aatatgaaaa	aaatgttttc	attagtgaga	tgcataagaa	gataccactt	tatacccaatt	300
aggatgacta	ttattaaaaa	agacagtgtt	ggcaaggaca	tgaagaaaat	ggaaccctta	360
cacattgatg	gtggaaacaa	aaatagtata	gctactgttg	aagacagtca	ggcggtcctc	420
aaaatattaa	acacagaatt	attttatgac	ccagcaattc	ccttctaaga	tccccaaaag	480
aactggaagc	ggaaatgcaa	catatctggc	attaggggtca	tagcagtatc	ccatagncnc	540
aaggngtaac	tcaaac					556

<210> 7253

<211> 495

<212> DNA

<213> Homo sapiens

<400> 7253

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caacctntgc	ctcccgggtt	caagngattc	tctgcctca	gcctcccagag	tagnggggat	120
tacaggcgcc	caccaccacg	tccggctgat	gtttgtattt	ttagtanaga	cggagtttgc	180
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ttgaaaaggt	aaaattggaa	aaaagttgct	tggtagggacc	gcccgcggag	cgaagggcna	360
acccgcgctg	gcccctgcgt	ctggggccnc	natgctgacc	cccgggggttc	aacctnaacc	420
aggancccg	atttctgaca	tggcatccg	nnggcctatg	cccgggttc	gagttcaacg	480
gntaacttna	ggggn					495

<210> 7254

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7254

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aacctctgtc	tcccaggttc	aagtgattcc	cctgcctcag	cctcccagag	agctgggact	120
acaggcacgt	gccagcacgc	ccagctaatt	ttttgtattt	tagtagagac	ggggtttcac	180
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aagtgctagg	attacagggtg	tgagccactg	tgctgggccg	caaatttctc	ttttgtggga	300
gaagccactt	tagaagtata	tatctacata	ccttgnctaa	gtcaatgtgt	tgctataaag	360
gaatacctga	ggctgggtaa	tctatacaga	aaagaagggt	tatttggtctc	tgggtctgc	420
aacctgcacg	ggaccatggc	actgacattt	gcttgggggtt	tggaaaaggc	ctcatgaagc	480
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naaaagccna	accngaaaaa	acct				564

<210> 7255

<211> 562
<212> DNA
<213> Homo sapiens

<400> 7255
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taatgtccaa agcagcacag taagtagccg gtgttaatct gttgctaatt tttttgatgg 120
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tgcatgcttc ttgtgacact tgttccatga tatttcagag tagcttctct taaagaagca 360
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actcttngg ccataatatg gtcagtgtaa cctcangccc tgggctccct aangggccta 480
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<210> 7256
<211> 520
<212> DNA
<213> Homo sapiens

<400> 7256
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tgaatggtcc acagagaagg cgtggggcaa ggctcaagt gctgatgctc tgagaataaa 420
aattaaaagg cagctcttgc ctgaagcgtt accccacang gctcaatnct tggctgnnc 480
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<210> 7257
<211> 573
<212> DNA
<213> Homo sapiens

<400> 7257
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cacgtctctg cagccttttc acagaagtag aaaagtgttt tctttgtgga gacaggactt 180
aatttgatgc atttcaacc tgtctaaatt cccctcttta tgggccagac agatatactg 240
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tgttcttaac ctggaaaata agtccatgaa gtcggcatta ttatcctcac tttaccaagg 480
aggaaagcca gggttcanag gagatntcca cttgncaatg gncacttagc cnggaatgga 540
cccaactgct tcatactntt ccatgatttt acn 573

09629469.072800

<210> 7258
<211> 557
<212> DNA
<213> Homo sapiens

<400> 7258
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ggattctggg ttttgtctct tcattccaag accattttaa aaaatgtgtt cacattttcc 420
tctgatactt ttaaggnggc tttctgaaga taaaacctga tgtgtctgca atgctagant 480
gangcttgag tatggcaagc ttinctgangt gcacctgtga actgaggaca acatggcntn 540
tnaaggaagg acaatcc 557

<210> 7259
<211> 493
<212> DNA
<213> Homo sapiens

<400> 7259
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acggagtctc gctctattgc caggctggag tgtagtggcg ccatctcggc tcaactgcaac 180
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ggtgtgcgcc accacgcccc gctaattttt gtacttttag tagagacggg gtttcagcat 300
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tgctgggatt acagggtgtg gccaccacgc ccggcccagc taattttttt aaaaaaagct 420
tttagagatg ggatcttgct atgttgccca ggccagtctt gaactcctgg cctnaagnna 480
ncctnccgct nna 493

<210> 7260
<211> 567
<212> DNA
<213> Homo sapiens

<400> 7260
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caacgtatgc ctcccggtt caagcgattc tcacgcttca gccactaag tagctgggat 120
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atgttgcca agctagtctc gaactcttgg cctcaagcga tccgcccacc tcagcctccc 240
aaagtgtctg gattacagac aggcgggagc cacagtgcct ggccttgcat taatttttaa 300
aatgagaaat aatacagtct tgctttcatt taaaactttt tccaagaaac catgagcaaa 360
cctgtgttta ccatatatac tgnactgaat atttgacat caccatttca atgtaaagtc 420
agatgctaata aattaacaca gactgaccaa cactctgaaa tgacttggtg ttttctaaaa 480

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taccattagg tacagacctg aggaatgctt gggtcacttt cattaacact gncaggagaa 540
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<210> 7261
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<213> Homo sapiens

<400> 7261
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cctcccctca ctggctacat ggagacaggg aggtgggtca ggctgttccc aggtcagaaa 360
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agttacagga ctacagagaga aacgtgaatt tcagaaaaac aaatcatttt tcacataagt 480
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tgcgtttaac tnancacttt tggtttgggt 570

<210> 7262
<211> 563
<212> DNA
<213> Homo sapiens

<400> 7262
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gcccggccat tatttcattt ctttactgga tatctttgct tgctaaagtc tctgaatctg 180
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catgactcaa tgctacttaa tctaccactc atggtaggaa aatgcttatt gggataactc 360
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catggtttga gtcantgctc tctaaccttt cccgtanaga catgctttcg gttcctgggg 480
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catcgctatt tgccaggctt ggg 563

<210> 7263
<211> 554
<212> DNA
<213> Homo sapiens

<400> 7263
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ggaattcctt	gaataccttg	gattgggttt	caactttttc	ctggatcttg	atgagctttg	420
ttgctaccca	gattctgaat	tctctgctgt	ccagtagtca	ttacaatctg	gttaaaaact	480
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<210> 7264
 <211> 560
 <212> DNA
 <213> Homo sapiens

<400> 7264	
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tttcatttcc	atgttttagaa
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<210> 7265
 <211> 564
 <212> DNA
 <213> Homo sapiens

<400> 7265	
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<210> 7266
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 7266	
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gggattacag	gcatgtaaca	ccatgcccag	ctaatttttg	tatttttagt	agagacaggg	180
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gcctcccaaa	gngctgagat	tacaggngtg	aaccaccaca	cccggcccaa	gagtttttat	300
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tggactgagc	tgaatggtct	aaccctctac	ttacttgatt	tttcttggag	acaggcccaa	420
ccttangcta	tctangggca	catgctgcac	ctcattagct	taaactcang	gtntgatcaa	480
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<210> 7267

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7267

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cctgtcacca	cacctgggta	atitttgtat	ttttagtaga	gatagggttt	tgccatgttg	180
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tgggattata	ggcgtgagcc	actggggcca	gccagaaatt	catccttttg	tcacctgctc	300
tgagtaaacc	acactatgga	aagctttctc	ttcactggct	aaatcagtaa	actgtgtcca	360
cttctaaaag	ccatccagag	agaaaagatgc	tgattgcttt	ggaagcatta	aaggtcaagt	420
ttcagcaact	taacacttaa	caggagccaa	gagaaataag	gaaaaacatc	acttccaaaa	480
caagttggca	cacaccaagc	ataaccngaa	ctntttaaat	taagataatc	ccaatggnaa	540
gantnccnaa	actggcnttt	ggaa				564

<210> 7268

<211> 565

<212> DNA

<213> Homo sapiens

<400> 7268

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ttttttgggt	ccaatcattc	accttccct	gtatctaagc	ctttatcatg	taactttttc	180
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tacttgcaga	cttgactttg	ntccttgtac	ctctgctatc	accactatag	gaaattctcc	360
tgggtaactg	ctgccccttc	gaccaggtc	ccagaataaa	tacacgtgga	gcaaacaagc	420
tcttacctgg	agtgaangag	ccaagctagc	tagacttgca	gactgaagca	caactgcact	480
gntgagccca	attgaaangc	tggttcctaa	nccatgnaca	agcactttta	caacctatgg	540
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<210> 7269

<211> 568

<212> DNA

<213> Homo sapiens

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<400> 7269

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aactacaggc	atgagacaca	gcattctacag	gcattgagaca	cagcatcttc	ctgtcttttt	180
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tgtttttggg	atggagtctc	acactggcgc	ccaggctgga	gtgcagtggg	gtgatctcgg	300
cttactgcaa	cctcctccc	ggttcaaggg	agtctcctgc	ctcagcctcc	caagtagctg	360
ggattacagg	cacctgccac	cgnaccagc	taattttttt	gnatttttag	cagaaacgcg	420
gtttcactat	gttggccagg	ctggctcaaa	ctcctgacct	catgatctgc	cgccttggg	480
cttccaaagt	gctggggata	caggcgtgag	ccaccgggct	tgggcnggtt	ggttggtttt	540
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<210> 7270

<211> 272

<212> DNA

<213> Homo sapiens

<400> 7270

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acatgccacc	atgccctgct	ttttttttt	ttttttttt	tttggtattt	ttagtanaa	180
tggggtttca	ccatgttggc	caggctgac	tcnaactcct	ggcctcaagn	gatccaccgc	240
cctcggcctc	ccaaagngct	ganattacag	ng			272

<210> 7271

<211> 544

<212> DNA

<213> Homo sapiens

<400> 7271

gcacaacaca	aagagngaac	tttaatatata	actatgaaca	ctgnagctaa	taatgaatac	60
aagttcatca	gttgtaacaa	agngccatgc	taatgcaaca	tgctaattan	agggggaaat	120
atgcaaagaa	naggagggat	atgggaatcc	ctttngcct	aatttttctg	taaacataaa	180
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ccaaaaacag	ccaacaccca	atgggttgag	ctggagtaan	aacaggctgc	ccagcacact	300
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tcctgcccct	cagctcactt	aaggaggctt	ttntgcccaca	agntttgggtg	caaaaagcaa	480
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gccc						544

<210> 7272

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7272

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acctctgcct	cctgggttca	agtgattctc	ctgcctcagc	ctcccaggta	gctgggatta	120
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aaccaaggcc	tggctcacgt	ctgccttgct	catgctctcc	ccttcagcga	gtgcggctta	360
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cacgccggca	ggatgtgggt	cgccgatgtg	gatctagcag	cccgncaaac	ccgtcangct	480
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<210> 7273

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7273

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tacaggcgcg	taccaccaca	cccagcta	ttttctattt	tttagtagaga	caggtttcat	180
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gcttactctg	gtacacangc	ttgaagtgca	ntggccaatc	ttggctcact	gnaacctcca	540
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<210> 7274

<211> 522

<212> DNA

<213> Homo sapiens

<400> 7274

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aacatntgng	gctttggagg	ccaaaaggaa	ggagtctgac	ttgctcaaaa	ctcaaatctc	180
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gcaattggta	atagtcactc	tatcttttat	gaaacaggat	gagccaatga	ctgancgctt	420
aatggatgac	tttntcaatc	tgggctntgg	nccaatgagg	ctgcaactcc	aaccaggggt	480
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<210> 7275

<211> 580

<212> DNA

<213> Homo sapiens

09629469.072300

<400> 7275

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tatagcaacc	tgtatcaatt	agatcactcc	atggcttcca	tagtgtcaac	aggggagctg	180
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aactaggggt	caggggtcca	ctgtttctgg	ttgggtggaa	acatcttttg	tgagtctgga	360
tagtgtctta	atttgaggac	cttaatgttc	agttgtgaat	ggcccttcct	tgccctccag	420
cgaggctggg	gagagaaagc	actcccagat	gatagatacc	ttaagctgct	ttgaacctga	480
gaagaagaag	gtgcatncca	agtcacanga	tggtcattaa	tgggtgnctg	cattcttttc	540
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<210> 7276

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7276

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caaccttcac	ctcctagggt	caagcgattc	tcctgcctca	gcctcctgag	cagctgggat	120
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tgggcttcag	ccgtcggtcc	aggaggccca	gcccaactgt	ccanaatgtg	acaggacacc	480
catgtncagg	actttcagtc	aggacacaaa	tccacaatgg	cangnccttg	acaaggcttn	540
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<210> 7277

<211> 582

<212> DNA

<213> Homo sapiens

<400> 7277

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acgtggtgaa	accatgtctc	tacaaaaaca	aacaaacaaa	caaaaaaatt	agccaggcat	420
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ccagtaggcg	gaggttacag	tgagcccaga	tcatgccatt	ccactncagt	ctgggcaaca	540
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<210> 7278

<211> 587

09629469.072300

<212> DNA

<213> Homo sapiens

<400> 7278

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gcattcatac	tccatattgc	tggccttttt	ccatggncag	gaaanaggcg	caacaacatg	540
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<210> 7279

<211> 583

<212> DNA

<213> Homo sapiens

<400> 7279

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aattgcttta	actcccacct	ttacaattta	ttagtgtgat	gactttgggc	aagttagaaa	180
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ctgtctttga	aatggcaata	ggtgttaagt	gatgatgtta	ttcattcaga	tcacaaaagga	480
aaaattaaaa	taaaaaacnaa	aaccaacaca	aggtatgaga	agagaattgc	ttcaatctaa	540
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<210> 7280

<211> 462

<212> DNA

<213> Homo sapiens

<400> 7280

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ccacaggcat	tcgccaccat	gccagcccaa	tttttgtact	ctcagcanaa	atggggtttc	180
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cccaaagtgc	tgggattaca	ggcatgagcc	actgcacccg	gccaacaaac	ttatttttga	300
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gtattatcaa	taattttttg	gccangccac	ggnggctcac	acctataatc	ccccagcact	420
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<210> 7281

003220.69462960

<211> 338
<212> DNA
<213> Homo sapiens

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agcagcaccg ngtcccgnan acagngcact gtccgcct 338

<210> 7282
<211> 575
<212> DNA
<213> Homo sapiens

<400> 7282
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<210> 7283
<211> 576
<212> DNA
<213> Homo sapiens

<400> 7283
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acaggagtgt gccacctcgc cgggctaatt tctgtatttt tagtggagat gtggtttcac 180
catgttggcc aggatggtct caaactgctg acctgtgat ctgcctgcct cggcctctca 240
aagtgtggg attacaggca tgagtcaccg cgtccggcca ggaacctctt aacttctttt 300
gtgattttgt ggggaacaat ctgggcaaca gtattgaact aagaaagggt ttcaacctgt 360
ggcaggtcac cacacttctt ggtactcagc cccacccag tgatgctgtt tgaggctgtg 420
cacctgctgg ggaccgtgtg tggtagggagg ggctccagag agtgctagag ttaatgcttt 480
tctggttaga agactatatg cttctcatgg cctcttgag ttcaacangg ccttanaaag 540
catttccaac cacagagacc cctgctggnt ttctga 576

<210> 7284
<211> 563

<212> DNA

<213> Homo sapiens

<400> 7284

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ttacaggcac	ccaccaccac	gcccggctaa	ttttgtattt	ttagtanaga	caaggtttct	180
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ccaaagagct	gggattacag	gngtgagcca	cagcgcctgg	cggtttggcc	atatttttgt	300
gagcagttag	ccacttggta	tctgactaaa	agaaggtagc	aacatgttcc	caatatgaca	360
atTTTTTTT	atngctttta	aattcttcaa	actttgcctc	tgntaaatta	tnatTTTata	420
tgcctttatc	atccaaattt	tttttaaaag	ccctcccttt	aaaagccatc	antTTaatgg	480
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<210> 7285

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7285

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ctggccggcc	agctctttat	ttggtagcgg	tccagagtgg	ccaagccacc	tgtccagaga	180
cacacagcca	atctgtggca	gggtcagcag	cgagctcagg	tcagggtctg	ctggctggct	240
ctgcctggga	catccacctc	acagaggcac	cacagttcca	agcgacgcct	gaagaatcct	300
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gtgaaatcag	accctggaca	gcaacagtgg	caatgaggac	tatggaaagg	gaagcttgtg	480
aacccaactt	catgntgttc	caaatctggg	gcaattttct	gaactcta	gccatttaac	540
tgggaccaag	gtttgaggaa	aaaaaaaa				568

<210> 7286

<211> 575

<212> DNA

<213> Homo sapiens

<400> 7286

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tgctatccct	cccctacccc	ccatccccta	acaggccccg	gtgtgtgatg	ttccccctcc	180
tgtgtccatg	tgttctcatt	gttcaactcc	cacttatgag	tgagaacatg	ccatgtctgg	240
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tatcacttaa	ttcattcttt	gcattctcct	acttttcttc	actccaacca	tttctgggca	480
ttccaaagcc	cctaaagcca	gaattcattt	tgncatggtc	ttaacagaag	taagaacttc	540
ttttgnttcc	taaagaatat	gaaagcctac	cngtt			575

<210> 7287
<211> 548
<212> DNA
<213> Homo sapiens

<400> 7287
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ttatacccca tctctcacta aataccaaca attcctatta gctttttaaa taagtggttg 180
gtaaatgctg ctgagaaatg aagcaacttt tcaggctcta gaggacgcca gagcaaagcc 240
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ttacgtagga caccctccat ctcaagatgc tgctgcttta aggttgggga nggggctctt 480
gaaatctgca gcttaactag gggcccagct acttantaca gggctggaag ctctaccgaa 540
aaggttct 548

<210> 7288
<211> 558
<212> DNA
<213> Homo sapiens

<400> 7288
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tacaggcatg cgccaccacg cccagctaatt tttgtatatt tagtagagaa ggggtttctc 180
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caaagtgctg ggatgacagg cgtgaaccgc tgcacccggg ccaaagggtc acagaagacc 300
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ctgaggtctg aggccacatt cgcttaccaa tcttgccac ttgatgatcg gggggcctga 480
tgacccagac gcccacaaact tgtccaacac gtggtnggaa aaaaggcccc aanggggttc 540
ggggcttggc cagnccn 558

<210> 7289
<211> 503
<212> DNA
<213> Homo sapiens

<400> 7289
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ggttttcagc tccatcaggt catttaagga cttctctaca ctggttattc tagttagcca 180
ttcgtctaatt cttttttcaa ggttttttagc ttctttgtga tgcgttcaag cttcctcctt 240
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catccagcgt tgttccattg ctgacgagga gatgcattcc tttggagggg gagaggcgct 360
ctgattttta gaattttcag cttttctgct ctggtttttc cccatctttg gggntttatc 420

000220.69462960

tacatttgggn ctttgatgat ggngatgtac aggtgggggt ttggggggga ggcccttctg 480
gnnggtaagn tttcctttaa cng 503

<210> 7290
<211> 553
<212> DNA
<213> Homo sapiens

<400> 7290
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tcacagtcca caatcaaaca tttttttcaa atggtatcgt ctaccatttc ttgggtaggg 120
catatagtaa taggggcaag tgagtacttc taaacacaat atacatatag aataattacc 180
acataataagc attagaatac tttttttttt ttttttgaga cacctaggct gtcacctagg 240
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caaagtgttg ggattacagg cgtgagccat cataccagc ctacttttta aaagataaag 480
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ttaanttata gcn 553

<210> 7291
<211> 553
<212> DNA
<213> Homo sapiens

<400> 7291
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tacagggtgcc cgccaccacg cctggctaatt tttctgtatt tttagtagag acgggtgttc 180
attgtgttag ccaggatggt ctogatctcc tgatctcgtg atccgcccgc ctcggcctcc 240
caaagtgtctg ggattacagg cgtgagccat ggcgccctggc tgcccatttt taaaattttt 300
attattattt ttctttcatg tcagacagggt aatgtgccaa tgtcataaaa ggtttggggg 360
cgacatacct cacacatgtg tatgaacact caatcatcat gcttatgaac tacaaaagga 420
tcataggcaa gagttcaaag gatggaaaag aagtgaagga ggggtgcaatt gtggtgaatg 480
tggaagtgaag aggcgttcag gcngaaggcn caacttntac agangcatta agccttagac 540
atatggctgg aag 553

<210> 7292
<211> 547
<212> DNA
<213> Homo sapiens

<400> 7292
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agacatgaac cagcatgcac ggctaactta aaattctttt cttctagaga tggggctctca 180
ctatatggcc caggctggtc ttgaactcct ggtctcaagc aatcccccca cctcggaactc 240
ccaggttgct gagattacag gtgtgagcca ctgtgctggc tgaattccag aactgtttca 300

tcgccttaaa	tggaaacccc	gtccgcatta	gcagtcaccc	ccgtctcctc	caaccacaca	360
tccatgcata	ttctctgtgg	atctgcctgt	tctggaaatt	tctccttttt	tttttttttt	420
ttttgntttg	agacagagtc	ttgccctgtc	gcctaggctg	gagtgacgtg	gtgcgatcat	480
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ggggaat						547

<210> 7293
 <211> 542
 <212> DNA
 <213> Homo sapiens

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ccatgttagt	caggctggtc
ccaaagtgct	gggattacag
gagccctagg	gtttggctca
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gtttgcacaa	cttggagtca
gg	

<210> 7294
 <211> 557
 <212> DNA
 <213> Homo sapiens

<400> 7294	
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acttcagctt	ccaaataact
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ggatgaagtg	ggaaacctga
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aatcttgaag	ttcctaaatg
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gaaaagtcnt	gggtagatgt
aacttaccat	ngaagg

<210> 7295
 <211> 553
 <212> DNA
 <213> Homo sapiens

<400> 7295	
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003270.69462960

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tgagaaatct	ccatactgct	ttccataata	gttacaccaa	tttacattcc	caccaacagt	240
gtatgagagt	tccctcttct	ccacatcctt	gccaacatct	gctattcttt	gtctttctaa	300
ccgccattct	agctaaggta	agatgatatc	tcattgtagt	tttgatttgc	ttttccctta	360
cacttagcaa	tgctgggcac	tgttcacata	cctgtttgtc	atttgatatg	ctttttttga	420
gaaatgtctt	tttatgtcac	ttgcacactt	tttaagtggg	attattgggt	atttttactg	480
gtcaagtggg	ttggattcct	caaatattct	ggggatcagc	cctttcttgg	atgaatagtt	540
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<210> 7296

<211> 550

<212> DNA

<213> Homo sapiens

<400> 7296

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agacaaatct	gatctctgcc	tcctccacag	cgccaccttg	ttcagggcag	gacttctctt	180
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gaagtcccat	cccctactcc	ttctgtctcc	tccttctctc	cagcagcctc	tgtgtgacaa	300
cttatccgtc	tctcccactg	tcccagttcc	cagaggcagg	agccaccctc	tcatgcatcc	360
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ggaggacctg	tggccccctg	ggttggcgaa	ccccgggccg	ggagtcccac	tccttggcat	480
tgcgncccac	acattcatca	gcccctattg	gacaaaggct	tattccatta	ctgnngggtc	540
tttcagnccn						550

<210> 7297

<211> 451

<212> DNA

<213> Homo sapiens

<400> 7297

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ggtatctatt	cggcttctgg	agaggcctta	ggaaactttc	aatgatgggtg	gaagggtgaaa	120
gcgtagcagg	cacgtctttg	cttttttttt	tttttttttt	tttganatgg	agtctcgctc	180
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gccacgcca	ttctcctgcc	tcagcctccc	gagtagccgg	gaccacaggc	gcccgccacc	300
gtgcccggcc	aattccctgt	attcctagta	nagacggggg	ttcaccgtgc	tagccacgat	360
ggcctcgatc	tcctgacctc	gtgatccgcc	cacctnancc	ccccaaagtg	ctgggaccac	420
aggcntgagc	ccccnccccg	gcccnggcnt	g			451

<210> 7298

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7298

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aacctccgcc	acccgggttc	aagtgatatt	cctgcctcag	cctccggagc	agctgggatt	120
acaggcacgc	gtcaccacgc	ctggctaatt	tttgtatttt	tcgtagagac	ggagtttcac	180
catgttggcc	aggctggtct	ccaaatcctg	acctcagatg	atccaccac	ctgggcctcc	240
caaagtgtg	ggatgacaga	caggcgtgag	ccactgcacc	cggccaataa	tggttacttc	300
tagctagata	ctactgtcat	gtttcaagat	ggctcactta	aacctgtact	tctggcagga	360
aagagaccca	aacccatgaa	gaatgagata	catgtacagt	tttgattata	aaaccaaaga	420
ataatggctt	cacaagatga	cggctgggct	cctgggctgc	cttcagtgnc	tttaaacagg	480
taatacagat	cttgctttct	tctctctctt	tttgagaaan	cttgctgnga	cagacacccc	540
cccagggg						548

<210> 7299

<211> 545

<212> DNA

<213> Homo sapiens

<400> 7299

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aggagtaatg	agagattggg	cagagggtaa	gggacagcag	ggaggcggag	gaaaatgaag	180
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cattcgtccc	ttcttcaggt	aatatcatct	gccaccacaa	ccaccagcac	caactctcag	300
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atgacttgag	gctggatacc	ttcctcgtct	ggaccaatga	gaaccaaata	cagcagttct	420
gtcagcaaag	gggagctctt	tttatcaata	actgggtgctg	tggggccaca	ctgtgaagcc	480
caagaataaa	gccactcaaa	tgaaacnnc	tgagagccaa	gagacagatc	ctggttggag	540
gcctg						545

<210> 7300

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7300

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tactccaagt	aacagactta	agatgttcaa	tattggaact	ctttggcatc	aactaaaaaa	180
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gacatcttca	tcaaataggt	aagaaaggta	agaattgctg	aggtaagtag	aggtctcttt	300
tattatggtc	ttcattctat	cattattaaa	ccctaacttc	atgtcctgtt	ccaaagcatt	360
atgtgagtat	tcaatcaaag	aagtgaggct	gttctccaga	attggttctc	tgctacaggt	420
caaaaccgac	tgcgccagcc	ttggcgaagc	tccgcctact	gccctttgct	ccaagtaatt	480
tttggcgatt	tttaaagtaa	tttttccggc	ggagtcatan	tggcgctata	ctcttggata	540
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<210> 7301

<211> 538

<212> DNA

<213> Homo sapiens

<400> 7301

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acagggtgcat	accaccatac	ctgggttaatt	tttgtatitt	tagtaaagat	gaggtttcct	180
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tatgaacaga	taagtgagaa	aagaacccat	gtagctctaa	accacacac	actatgaaaa	480
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<210> 7302

<211> 540

<212> DNA

<213> Homo sapiens

<400> 7302

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cgtgcctggc	ctccttatga	gaatctaattg	cctgatgatc	tgtcactgtc	tcccatcacc	180
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accaagtcta	aaacaacact	cttggcatgt	tttcttatcc	tgctttttct	tcctggaact	480
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<210> 7303

<211> 543

<212> DNA

<213> Homo sapiens

<400> 7303

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tacagggtgcc	caccaccacg	cccagctaatt	ttttgtatit	tagtagagac	ggggtttcac	180
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gagcagaatc	tgacttttgt	ggattttatat	tataaattaa	tccaccaaag	acaagacttt	420
tgcacatatt	tcagtaaata	aacacactga	ttcatataca	tgcagccaag	caaatncaaa	480
gatcctggag	taaataccaa	caacgtgnca	caaaaagtnaa	atttncaaaa	tcttggncn	540
tgg						543

<210> 7304

<211> 480

<212> DNA

<213> Homo sapiens

<400> 7304

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tacaggcatg	caccgccatg	cctggctaata	tttttgtatt	tctagtagag	atgggggttc	180
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cccaaagtgc	tgggattaca	ggcatgagcc	accatgcccc	gcctggcatc	tctttttctt	300
tttttttgag	acggagtctc	gctctgtcgc	caggctggag	tgacgtgaca	tgatctcggc	360
tcactgcaac	aacatccacc	tccacagttc	aagtgaactc	cctgcctnag	cctcccaagt	420
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<210> 7305

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7305

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aataatctct	taattaaaag	gctgggtctg	gcacagatca	actgaatatt	gcttaccact	180
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caggaaggt	tttgtccatt	gnactacagt	ttctacatct	gcttctccag	atccattctt	480
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<210> 7306

<211> 550

<212> DNA

<213> Homo sapiens

<400> 7306

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tgctggggatt	acgggcatga	gccatcacac	ccagcttatc	cttctatctt	taccagctta	300
gattgggttt	taagtttcct	gcacccagaa	gggtcctaac	cactacacaa	tctaattggt	360
actgtcacc	acaaatgaca	gtgggttggg	tacattgatg	acttattaca	tttattatct	420
catgccgatt	gtcataaaac	caaattattc	ccacctccat	ttttttctct	cctnccgacc	480
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<210> 7307

<211> 554

<212> DNA
<213> Homo sapiens

<400> 7307

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ttacaggcac	atgccaccac	accagctaa	tttttatatt	tttagtggag	atgggggttc	180
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accccccagc	ctcccaaagt	ggtggaatta	caggcatgag	ccaccgcccc	ggccgaaatt	300
atcacttcta	acacattcct	gggtgttgct	gatgctgcca	gtctggagac	cacactttga	360
gaaccactgg	gttaattttag	catctcatgg	ggagacagct	gtgctatagt	gaaatgagta	420
gacccttgag	atctacttgg	acacaaaactt	ctggggcagt	agttctcaat	tgggctactt	480
cacttttggg	gtcacctggg	gagcttttaa	aattcttgac	ccttgggnnt	caaccacagac	540
caatttaaag	ggga					554

<210> 7308

<211> 540

<212> DNA

<213> Homo sapiens

<400> 7308

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caccaccatg	cctggctaata	tttgtatatt	ttttatcgta	gagaaggggt	ttcaccatgt	180
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tgctgggatt	acagggtgtga	gccactgcgc	ctggccaact	ccactgttaa	ggcagcaggt	300
gcaggcaagt	tacggctatt	cacactcctg	cagataaaca	cagaagtcac	cataccacaa	360
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ggaaaatcca	nagtaaaaaat	aanaaaacaat	aacagggcaca	gtcttatcaa	gactgtgaaa	480
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<210> 7309

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7309

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ctttatccac	attcttcggc	cttcactcca	tgatcgtcag	actcagaaat	acctgggcta	480
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<210> 7310
<211> 564
<212> DNA
<213> Homo sapiens

<400> 7310
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actgaagaca cacgaagggtg aatgctgaag accatcagag tcccagcagg aggtcacgtc 180
tttcattcag acgctccaat gcttttcatt tcagtttggt aaagaacgtg ttttacagga 240
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tgggccgtag agacgtaaaa tggtcagatt cctttaggaa taaatgagga aaaggagagg 420
aaagagaaga tctgggctgt gctgggtgct gtttctactc atctttcgga nggtgtgact 480
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aagattaaaa gggaagggtt ccat 564

<210> 7311
<211> 557
<212> DNA
<213> Homo sapiens

<400> 7311
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acaggtgacc gccaccatac tcagctaact tttttgtatt tttagtagac agcgggtttc 180
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ttgaacagta gtgtgtacaa taaatatctt ggatatttac gaagctttta tgactgattc 480
caaatgatg atttcagagt aagcatggga atctcatcan gccttcatct ggagctcttt 540
ttccaaagta aatagtt 557

<210> 7312
<211> 555
<212> DNA
<213> Homo sapiens

<400> 7312
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aagtgatccg cctgccttgg cctcccaaag tgctgtgatt acaggcgtga gacaccgcac 120
ctgggctcaa actaagaaat attaaaattt tcttcccttt aagattttaga gtaaaggcca 180
aataagcaca ctgatgtctt cccctcttct ataagtttaa aatgaaacct gaaagcaggg 240
tcgatgatta aaagctgatg ttccctaact gtcttttatg gactgccagc catgggtatgc 300
tctcaaattc ttctgatgtt cctttactcc taattgaatt gtgaatgttt tattatcaaa 360
attcacaaaa ttttgataga atgtgccaaa tatttcttga gttacaattt ctcatctaga 420
aacatttgct ttaaattctc atacatatcc aaaactgttc tgncaatttc ctgttgacta 480

09629459.072300

ctttttctac cttgacttga gatctccaga agagatatcc ttggttgtaa caagaaaata 540
agctaatttt aaang 555

<210> 7313
<211> 303
<212> DNA
<213> Homo sapiens

<400> 7313
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ngcctgcctc cagngagaca tttttaaggg gnggctccat gcatttgaag cttccaaaca 180
cccaacagaa tctcaccagt caccaataac caagatcctn tctgatcctg ngctaganaa 240
atccttaaag gaactagaan aatttccttt gncctttttt tttttttgan acggagtctc 300
gnt 303

<210> 7314
<211> 554
<212> DNA
<213> Homo sapiens

<400> 7314
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cgcccacctc ggccttccaa agggctggga ttacaggcat gagccaccgc acctggccac 120
tttcagtaat attttctaata cttgttttct aacaagtacc atgcatctca gccaaactgt 180
gctactgacc tccaacacac cctgtgggtt tgaaactcag agcctttgct tcccagggtt 240
tacttcatct ggagtatcac tacctaataca cttccctctc cccttggtga aaacctgccc 300
gtatttcaag actctctttt tctatagtca tgcattttgt ttcagattta tgtattagct 360
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tctattttcc ccttaaaacta taaactgaaa tgcaaagaca tgtttttggt ggggactcat 480
gtgacagtat gccataaaga tttgaaacca tttaaaaatg gttggtggtt tgggtgattga 540
aaaccatata aatn 554

<210> 7315
<211> 550
<212> DNA
<213> Homo sapiens

<400> 7315
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taaccactcc ggggcccctt ccagctccag tgaatccgac ccctnctgac atcctcttag 480
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ttgctctgtn 550

<210> 7316

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7316

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ggagatttta	aaatgagata	gataagggag	caaaagttag	cacattacta	ttcaggagaa	180
agggactaca	cagagagctc	tccagggaaa	ttttaagag	gaattacagc	ccaagaggga	240
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ttcatggaaa	gggacagagt	actctgacat	taagaaacc	ttgggaccat	tggggcaggg	540
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<210> 7317

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7317

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gtacctcttt	tcttgatcca	agttctactg	taaaacattt	ttggcttgaa	agaataattc	180
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tgatttaata	acttattcaa	aactcttttg	gaagagttcc	tccaggattc	ctacatgagt	360
ttgaggcgct	tgtccaagga	tggggagaaa	aatgttgtct	gttgaaacta	ggagtcccaa	420
caggagctgg	cccttgacag	aaaacccttg	ttcctgggtat	gccggaaaaa	cttgccagag	480
gagcagaaga	ggaagatggg	ggagctgctg	atggtcaatg	gatgnaacct	tgaataaaaa	540
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<210> 7318

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7318

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agctaatttt	tgtattttta	gtagagacgg	ggtttcaccg	tgttggccag	gctgggtctca	180
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caagcccctg	caccccgcca	aaagtaggta	tcattatcct	cattttacag	atgaggccaa	300
gggtactcag	agaggtttaag	taacttggcc	aaggtcacac	agaattcaga	atttacatcc	360

agggctgagt	cgatagctag	aactttcaac	cactccattc	ttgggggcat	ctcactgttg	420
ccaggacatt	accaacagaa	acatttggca	gatagggaat	taggttttct	tccccaccc	480
cgatcctata	ctgggagaaa	ataagaaccc	ttnccccgaa	catttggttat	cagnngatt	540
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<210> 7319
 <211> 559
 <212> DNA
 <213> Homo sapiens

<400> 7319						
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cacgcctggc	taattttatt	ttttttgtat	ttttagtaga	gacagggttt	caccatgttg	360
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gggattacag	gtgtgagcca	ctgtgcccgg	gctttttttt	tttttttttt	ttgagatgga	480
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<210> 7320
 <211> 582
 <212> DNA
 <213> Homo sapiens

<400> 7320						
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tgaggaggtg	aaaccaaccc	gtatggtgtc	ccagcacggc	acctgctaag	gagggagggt	180
gggaaagccc	aggccttcgt	tgccgggtaca	ggaggatgca	ggagagggct	gaggtggggg	240
aggaacaact	ggtgtacttg	gagagagatt	tgggacgagg	gggaaccatc	agcaaaaaat	300
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<210> 7321
 <211> 543
 <212> DNA
 <213> Homo sapiens

<400> 7321						
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<210> 7322

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7322

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acagttccta	atattcagtt	ctaattggcat	ggttccccaa	aatgtaaaag	ctgtgactga	480
gacaattatt	tcaagagagc	ttcagctgta	aataaacnca	aactggaatt	ccttggcctg	540
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<210> 7323

<211> 534

<212> DNA

<213> Homo sapiens

<400> 7323

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actacagggt	tgcaccanaa	tccctggcta	aattttttgt	tggtgttttt	tgtagagaca	180
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gctgtttana	tctttcaaaa	acatcaactc	ttctttttga	cgacaaaatg	gtgaataaat	420
taaattcaga	actacagttt	gtgaagacac	atgacattta	tgattcatga	aatagaaatc	480
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<210> 7324

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7324

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<210> 7325

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7325

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ccagcacaat	agcatttttg	ttcaatgcta	cttgtaaaat	atcttttact	tcactccaaa	420
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<210> 7326

<211> 519

<212> DNA

<213> Homo sapiens

<400> 7326

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ccggcaaaag	ggccctgggg	cccaggcgtg	cggcccctgt	gtggcggcag	gcggcccagg	300
ccagcgccgg	cgcctagaga	aggcctccag	tccaggcctc	atggaagggc	ctgcctngcg	360
cggcccctca	acaccccaca	gtgtggcact	ggaagggacc	taaaaaccca	cctggccttc	420
tccttttccc	ttncaccacg	ttncaaaggc	ccaatgccgn	atnttaattt	cgcttttcng	480
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<210> 7327

<211> 552

<212> DNA

<213> Homo sapiens

<400> 7327

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atacttttaa	aagtgatcag	agaggcactg	tttcatcaat	accctgtaat	gatttgcgtt	180
tgaatctagg	atactcacag	atcatggacc	atatacacct	atttacaac	attaaaggca	240
gtctaagttt	agactgatat	acataaagtg	aataattact	tttgaaatga	tactattgaa	300
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gaaacaagtc	aactgccaaa	tctgtatgaa	aatttatatt	gcattatgga	accaaataata	420
atgttacatg	taaaacacaa	ttaaaatcat	tatcacagat	aataaaactt	accccaacag	480
aaacttaatg	ataattacca	aaggggcaac	tttgnatggg	ttggnTTTT	tattccacag	540
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<210> 7328

<211> 531

<212> DNA

<213> Homo sapiens

<400> 7328

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gngcagagct	actggctana	agtgcagtca	taaaggagca	gtggaaggca	ttggtctgaa	180
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catgctccag	ctccaggatc	tcccaggagg	cctgcaggac	aaatttcacc	gccttcagct	300
ccttggacgc	cttcttctga	atgacgctat	caaaatcaca	gtctagctgg	tcactgggtga	360
ttggccctgt	taggacagcc	aagggtgaact	caaggccatg	aacgtgtggc	tgaagggagt	420
gaagaacagg	aaggccagtg	gactttaagg	gcctantaga	ccaaaaaggg	ccccagggcc	480
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<210> 7329

<211> 543

<212> DNA

<213> Homo sapiens

<400> 7329

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tacaggcgcc	caccaccacg	cccggccaat	tttttgtatt	tttagtagag	atgggggttc	180
accgtgttag	ccaggatggt	ctcgatctcc	tgaccttggt	atccgcccgc	ctcggcctcc	240
caaagtgtg	agattacagg	cgtgagccag	gtgcctggcc	ccagagtgc	aattaatgtt	300
ggcatgtgag	gtggtcagg	aagcctacca	aaaacgacca	ctatttaagg	agtgaagtta	360
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aggaactgga	aaagttgaaa	atgactgctt	ctaangggct	tgggaaggga	atgggggaag	480
gactgctggt	tttcataaaa	agcctaagga	cttgatgggc	tgggatgcna	ctataggggn	540
ttt						543

<210> 7330

<211> 532

<212> DNA

008220.6946360

<213> Homo sapiens

<400> 7330

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attacaggng	cccaccacca	cgcccggtg	atttttgcat	ttttagtana	gaanaggttt	180
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aagggaaagc	tgcataggat	ggtggtggtg	actggccaac	ttcaggtccc	agaaaatctg	420
gaaaggctgg	agattncagn	gagtgggaac	tcganaaggg	tagaatttgg	agtggctnta	480
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<210> 7331

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7331

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tttaataaca	ttgaggtttc	tttttgtctc	ttatgcctgt	gtctgtcttc	ttcattctct	180
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atgacaataa	agacgtggca	gaattattca	gtattgatca	caaactctgt	gtccctggga	300
aggcagctgt	ggaacagtgg	gtggtagggg	ggatgtgggc	tcaggggacca	gagacaccag	360
gtggggatca	gggaagttca	gattgcgtga	ccttggacaa	cttatttcca	tgggcacttc	420
aactgccggc	tatgtaaaat	ttcccaaaaca	tgccaagaga	taagaatccc	acatgacctt	480
ggtaaaaaaa	gcagactcct	agatcacccc	agaccaactg	aaatcnga	aacttgaaaa	540
aggggcctaa	n					551

<210> 7332

<211> 538

<212> DNA

<213> Homo sapiens

<400> 7332

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tttcccactg	ccctatttta	caaacactct	tagctctgtc	tcctgctctc	ctctcctcca	180
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cccttcaaag	agggtcggag	gctgtcctga	agacagagat	tctttgggtg	ggttttgaan	480
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<210> 7333

<211> 552

<212> DNA

<213> Homo sapiens

<400> 7333

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cagcacagct	cccaggagca	cagccagacc	ccaaccaggt	gtgggatgag	gggtggatac	180
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ctgggtgggag	acagggcctg	ctgctgagcc	cctctgacca	gagtggctct	cctgggttct	360
gtgccaggga	cagaaagggg	gtgtggatgc	ggaggctggg	caacacttgg	ggctttgacg	420
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tnccattagg	actgtgggct	tgggctcact	tattgcatca	gcttgacttt	atctntggct	540
gnattttaaa	ag					552

<210> 7334

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7334

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caacctccac	ctcccgggtt	caagtgattc	tcctgcctca	gcctcccag	tagcagggat	120
tacaggccca	cgccagcatg	cctggctaata	ttttatattt	ttagtggaga	cggggtttca	180
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ccaaagagta	actggattcg	taacaaaaat	agactgggga	tcctggtgaa	tagttgcatt	300
tggtaccatg	gagtaaaaag	aacctctggg	ctgcattcga	tgagaaactc	gaggtgctgg	360
tacagctaac	tgaggtaaat	tactggtgtc	ctgattatca	gcagcaacca	ttctgggtga	420
tgtcaaagtc	aatggagcag	gttctgagtt	agatgccaaa	ngcatttgac	ataggactta	480
aatcagacac	cctggatttg	ctgggncttc	tcttgggggt	actgggaant	tggaatggga	540
ctactggatn	ggnnaa					556

<210> 7335

<211> 542

<212> DNA

<213> Homo sapiens

<400> 7335

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gacaccccca	ctgctcccaa	ggtccacttt	tggatgaccc	tgaaggcaga	gactcctgag	120
atctgggcca	caatctaggg	tgagccaccc	acagtgcctt	gctggacagg	gggttatgag	180
gactgcacgg	gggggcccctc	agcaggggtc	ttcctgccta	gggtggggct	ggctccagtg	240
ggtcctgggc	tcaggcaggg	gggttgagc	ggaggcaggg	acatccccc	gccctctggc	300
ctatggcttt	gttgccctat	tgccaccagc	gcagaagcaa	tgtgctatac	cgtgaggtga	360
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gggtgctgtg	gcctgtctct	gttccctcca	cttctccagc	aatgggtctn	cttcaatgga	480
ngtaatcact	taaaaatgga	cccgaacacg	ttttggtnac	aancggcgtg	gcaagctttt	540
ct						542

<210> 7336
<211> 546
<212> DNA
<213> Homo sapiens

<400> 7336
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gtaactgatg aatgaagggg gcatcttgtg tccccacaat cctgctgtgc gcacaccaca 120
ggtgagccgt tctgcctaag ggaacagccc cggccccctcc ctccggctcc tccccagcac 180
cgtctcctcc acccagtggc ctggccgtgg atgctgcctg tggcccagct ttgagacacc 240
gccctgacac gtgtccagcc ttacgtggaa ggatttgtct gttttgtggc atcctagtag 300
atgccacgtt agtagatgcc atgttagtag aatggatgtg ggcatctctt tgtaagttcc 360
caaaagccta tgagggtttt ttccacgatt ccgttcccag ttgtggctttt gttgtttgtg 420
tggctgttct tggccccctt gggccctgca gtggaatggg gggctgacct gggacctnga 480
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cctatt 546

<210> 7337
<211> 459
<212> DNA
<213> Homo sapiens

<400> 7337
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ttgaccaagc tgggtctcag ctccctgggct caagcgatcc tcccatcttg gcctcccaaa 180
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cctcccactg agtaacagag tctgtttctt ccccttgaat ctgagccaaa cttagtgaact 300
cagactacag tagaaatgat tctatggatg cttgtgaggc tgggtcataa aggcaatgtg 360
gcctgactca tgggagtcct gagctacagt gtaagagggt tcaacactnt nagctgccat 420
gctgtgagga ancccaactg gntnatgcnn agagacaac 459

<210> 7338
<211> 544
<212> DNA
<213> Homo sapiens

<400> 7338
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tggaagagc agcaagcagt acaccaggag ccacaggaag agaataaaat acatcatatc 120
cggctgctgg acaagctgtg tcaggagatc actctgcggg ctgtggctcc ccagtgcacat 180
ggcttctcct gagctgttgg ccttccttgt taatatcggg tttcttctgt catccagatc 240
tgctgcgttc ctcaactgaa catagctaaa atgatccgat tccgaagacc tatgagtatg 300
tcgtcgaagg taaatgctgg agtcaactgt actagtctg gaaggaatgc ttagtgcgt 360
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ttctacgtgg tccacatgtt tccctttttc ctttttttta ctactgattg attctttcgn 480
tacattttct ttttaaggggg ttgctatggg ttccaagggt gggggaattc ngggaccgan 540

09629469.072800

ggct 544

<210> 7339
<211> 507
<212> DNA
<213> Homo sapiens

<400> 7339
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acaagtagct gggaccacag ggggtgtgtc caccacgccc agctaatttt ttgggtcagc 120
caggcacagt agctcacgcc tataatccta gcactttggg aggccaaggn ggatgggtca 180
cccgtgatca ggagttcgag accagcctgg ccaacatgac aaaaccccat ctctactaaa 240
agcacaaaaa ttagctgggc acaatggcac acgcctgtaa tcccagctac tcgggaggct 300
gaggcaggag aatcacttga acccgggggt gaaggttgca gtgagctgag attgcgccac 360
tgnactccag nctgggcaac agagcgagac tccatctcaa aaaaaaaaaa nnaaagagag 420
agacagggt naccatgntg ccccagctga actcaaaact ccgggcacaa naagggtccg 480
gccccgcttc aagggcngga atacagg 507

<210> 7340
<211> 540
<212> DNA
<213> Homo sapiens

<400> 7340
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aacctctgcc tcccgggttc aagggtattct cctgcctcgg cctcctgagt agctgggatt 120
acaggcacac cccaccaccc ccagctaatt tttgtatttt tagtacagac ggggtttcac 180
catgttggcc gggatggtct cgatctcttg acctcgtgat ccacccgcct cggcctccca 240
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tattttccat ccgtgtttga ttgaatccac aaagacagag actgagagct gactgtactg 360
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tcagatctgt gtcacatga ggggagcaga tggctctgagg atgggccccca nccttcacag 480
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<210> 7341
<211> 551
<212> DNA
<213> Homo sapiens

<400> 7341
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tgtgtgtaag cttttccctc cacaccaacc agctctccaa ctccctctca gacaccaacg 180
cgatgtccta caatttaact cgattctgtc accaattgcc cggagctagt gcagaaccca 240
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ggccccgggg accccacgac ccccttctca ggttccaatt ttttttttg agatgggtct 360
ctctgtcgcc caggctaaag tacagtcccc agatctccgc tcaactgnaac ctccgnctcc 420
aggttcaagt gattctcctg ncccaggctt ccaagtagct gagattacag gcgcacgcca 480

acaagcccaa ataaatTTTT ggatttttag gccanaaagg gggtttggcc tngttggncn 540
anaaagggtt t 551

<210> 7342
<211> 547
<212> DNA
<213> Homo sapiens

<400> 7342
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tcttggcaat tggcgcctgg ttttccactt tttttttttt ttttaattttt tatggttttg 120
gagtcagggt cttgccctgt tgccgaggct tcagtcagct ggagcagtc tggctcactg 180
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tggtctcaaa ctccctgggat caagcaagcc tcctgcctca gtttcccagt gttgggatta 360
caggtgtgag ccaccatgcc tggcgtaaga tatatttaag tcagcagaaa acccaagtga 420
cattttaata taattcagat aatcctgagt caagctttgt aggctgaagt aaatgaaggg 480
ccttccttga ggccctttgg ctctggggca ttngggggca ccaaccctg ggggtggnc 540
tttgc 547

<210> 7343
<211> 550
<212> DNA
<213> Homo sapiens

<400> 7343
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gaacacttaa atggctgtag tcatggaagg atccagactg aatggaaagc tgttgagaaa 120
gaaaagataa aagcaaagta atactgcaac aggaagggtg caaaagcata gttttgccat 180
aataaaatca attagatttg tgattataca tcagttccgg ttaaaatgtc tgagcgccat 240
gcgattttca gctttattgt ctgcagtcgt actaaagtct gtatagtcac tttgtctttt 300
gcagttatta aaataaaaaa aagttaaaaa ctatagcagc aacaagcaaa ccctgtgaca 360
ggaaggcaag ggtaagaac taaaaagagt ttatacagtg tgttcaggga aagtgtgcag 420
tttatcttcc atcagcagga gttcgactga gggacaacat gattcgggca aatcgctcac 480
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ngaccattca 550

<210> 7344
<211> 536
<212> DNA
<213> Homo sapiens

<400> 7344
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atgggcgcgt gccaccatgc ccagctaatt tttgtatttt cagtagagat ggggtttcac 180
catgttggcc aggctggtct cgaactcctg acctcgtgat ttgcctgcct cagcctccca 240
aagtgttagg attacaggga tgagccaccg tgcccagctt tttttttttt tttttttttt 300

09629469.072800

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gcctttgacc	ttgctgacag	gaaganggga	ntgcangtct	gggcttccan	gggctgggtct	480
gacccggggc	caancattct	aacttggcat	accacaagta	gggctttgct	ggattc	536

<210> 7345

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7345

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tacaggcgcc	caccactatg	cctggctaata	tttttttgta	tttttaatat	agacagggtt	180
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aaaactggat	atccacatgc	agacgaatga	tacttgatcc	ctatctctca	ctttacacaa	420
aatcaagtc	aaaatggatt	aaaggcttaa	atctaagacc	tcaaactgng	aagtaccaca	480
agaaaacatt	gggggaaaca	cttnaggaca	tctggctggg	caaatgggtt	ttgagtaatn	540
ccncaa						547

<210> 7346

<211> 515

<212> DNA

<213> Homo sapiens

<400> 7346

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ataggcgtat	gccaccacac	ccagctaata	tatatattcc	ttgctgcaat	gggtctaacc	180
atgttgccca	ggctgggtctc	gacctottgg	gctcaagtga	tcctcccacc	ttanactccc	240
aaagtgctgg	gattataggc	atgagccaact	gtgcctggcc	tanaactgct	tttcttaaga	300
tagtaatggg	ggcaagggtta	tttataaata	aatgcctctt	cctacaggac	aaaatcatat	360
gataattttc	tattaagata	ttattcaagc	ctcagggtga	aaaaancctt	gaagatacct	420
tttttaaagg	cccctgccta	agtnacgctt	aagaaagcta	ttactnagt	ttncacacct	480
ntgctaaacc	caggngatnt	aataccatgg	accng			515

<210> 7347

<211> 576

<212> DNA

<213> Homo sapiens

<400> 7347

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ttacaggcat	gcaccaccac	gtcccactaa	ttttgtattt	ttagtagaga	cggggctctct	180
ccatgtttgt	caggctgggtc	tcaaactccc	gacctcaggt	gatccgcctg	cctttgcctc	240

ccaaagtgct	gggattacag	gtgtgagcca	ctgcacccgg	cctatgtgtg	tctttacagg	300
tgagtgtgtt	tctttaggc	aacagattgt	tgggtcttaa	ttttttttt	tctttttttg	360
agacaaggtc	ttgctctggt	gccaagctg	gagtgcaatg	gcatgatctc	agctcactgc	420
agcctcaatc	tcccangctc	aagtgatctt	nccaacntaa	cctntggagt	anccttgact	480
ttagcatgta	ccactggggc	accaccatta	gaactgggct	gggtaaaacc	tgaanccaat	540
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<210> 7348

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7348

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aaagctccgc	ctcccgggt	catgtcattc	tcctgcctca	gccttcogag	tagctgggac	120
tacaggtgcc	cgccaccact	ctcagcta	ttttgtatt	tttagtagag	acgggggttc	180
actgtgttgg	ccaggatggt	ctcgatcttc	tgacctcatg	atctgcctgc	cttggcctcc	240
caaagtgtcg	ggattacagg	cgtgagccac	cgcgccagc	cctggatatg	cttgcctttt	300
gaaaatttac	caagctgtac	atztatgatg	aatgcacctt	tctgtatgtt	ttattccaat	360
aaaaataagg	agtaaacata	atcctgattc	taaaactgaa	caaaaagaat	gctgaaaatt	420
ctttctgaat	taattttaaa	cttttgattt	ttcaaaangc	atgcttctac	tnctaacttt	480
ccaagttctt	tgagaaaact	ttcctatgac	tagcagggct	aatgacacca	gnggggacag	540
aaacntgcng	ggaaaaagnc	a				561

<210> 7349

<211> 484

<212> DNA

<213> Homo sapiens

<400> 7349

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gcaggcgttg	ggggaggcga	ggcaggatgg	ctcgggtggc	ggtgcccggg	gcggggtcgg	180
ccgtgccttg	gcggggccgg	gtgggagggg	cagtgcntaa	ggccgggatg	cggggcaggg	240
cccggcggtg	ggaggacgga	ctaaggggag	gtccccgtcc	tgggccacgg	ggcgatggcn	300
cgggtaggac	ncatccctca	naggccagga	ggagcgcgag	aaggtcccag	gacccccctg	360
ggaggccccg	ntcccanaa	tgtagagcct	gggagatacc	accgcacgga	atgggggtga	420
ttaangcctg	gccggtacca	ctngaaaang	gaccanggga	agncccggta	ntacccgngg	480
actt						484

<210> 7350

<211> 490

<212> DNA

<213> Homo sapiens

<400> 7350

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agcggcccga	ggcgcaccct	gggctcgaac	catggaggcc	aggttccatg	gggccaagcg	120

cagtggctga	tgggaaggca	ctttcgtccc	tgggagaccc	aggcaccaat	tctccgctgc	180
gcgttttttt	ttttttgttt	gtttgttttt	ttttctgcca	caggtgcctc	atctctcctg	240
cctcaaacct	cagctgaaac	ttttgggcct	tctttcctcc	ttgggggtact	cgtagcagcc	300
tgaggcgcag	cgtgggctcg	aaccagggat	gtcagcgtcc	tcgggaccca	gctcaagggc	360
tgacggaaag	acactttcgt	cagtggggga	cccaggcccc	gnttntccgn	tgcgcggttt	420
ttcttctttc	tctgccgaan	atgccttacn	ttcccttaag	ggctttctgn	ttttcctggg	480
gtaccctanc						490

<210> 7351

<211> 571

<212> DNA

<213> Homo sapiens

<400> 7351

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cccatatatg	atgggtccac	ttgagtctcc	ttaggcgccc	catgaggggag	taacagcttg	120
ggtagagagc	tagggacctt	gcccagcctg	accctggggc	aggcaagcgg	ccccccagcc	180
cccaccacca	ccccaggaga	gggcgggggtg	agaaccggag	tcaaattcttg	ggccgggtcc	240
aagcgctga	gcgcccgtt	tacgcaggaa	atagtccagt	tctcagaagt	ggtctaacca	300
gccccagccc	cagcccggca	ccacctggag	ggttcaagta	catggaggag	aggagtaagg	360
cggacttagg	ccctggtatg	gagaaagggt	gaagggagag	agaggacctt	gcgctcanga	420
gggagcgtgg	tctatggcgg	gaaccacggg	tcccgaacgg	gcgtggccga	ctgtgccgga	480
aggccccgga	tcccgtggc	caaggccagg	cccaagggcc	ntnagggcc	aggtgcccc	540
cagtgggctt	caacaangcc	ccgggcnaaa	a			571

<210> 7352

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7352

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ggaaattggg	tcctaagcca	attaattgct	tttgaattgg	cttgggttcc	taccagggt	120
ggtgcagtcc	ccctgcaggt	gactcaggat	ctcccgtgt	gtaaacaggc	ggaaggcaat	180
ctgctcacac	tcttgcttgg	tcccacattc	aaacaaacac	caaacaagc	cctcctcctc	240
cagagcagcc	agatcagagt	agccacaggg	cccacagtgc	aagatccagg	ggcgggacca	300
gcaggcagcc	tccaaggggg	tctggttgag	atagatacct	aggtcaacct	tctgtttcct	360
actggttggg	tgtgagtaca	agagccatga	ttctgacggt	gttccagctt	cctccttcag	420
cctcagtga	ctgcctggag	agctctgctg	aatggtgggt	gcctctttgc	tgctagaagt	480
cctggcacct	atgnggatct	caaggggccg	gaacttacac	actccttggc	aacctgttgg	540
gggcttacan	aactgcnaat	tanggcc				567

<210> 7353

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7353

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gtggcacgat	ctcagctcat	tgcaacctct	gcctcccaag	ttcaagcgat	tctcctgtct	120
cagcctcccg	agtagccggc	attacaggcg	cccaccacca	tggccagcca	atttcctgta	180
ttttcagtac	agacagggtc	tcaccatggt	ggccaggctg	atctcgaact	cctgacctcg	240
tgattcacc	acgtcggctt	cccaaagtgc	tgggattaca	ggcgtgagcc	actgtgctca	300
gcgtgtttgt	gaagtttcat	gtcattactt	atctataact	cagacagttt	actcatgaat	360
aatggcagtg	cttgccccac	agggaggtaa	tgaagaaaaa	tgggaaacat	ggggaatttc	420
ctacctatta	gacctgtagt	ggaggctctt	ctgggagtga	agcttgctgg	tctgcccact	480
tttatctact	tnaaagccta	atccttaata	agnactgnta	ttctnggacc	tatttaaggc	540
aagggnggcn	aatttaagta	cgggaacttc	caa			573

<210> 7354

<211> 417

<212> DNA

<213> Homo sapiens

<400> 7354

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aagctccgcc	tcttggttc	acgccattct	cctgcctcag	cctcccgagt	agctgggact	120
acaggcgccc	gccaccgcgc	cgggctaatt	tttttttgt	atttttagta	gagatggggt	180
ttcaccgtgt	tagccaggat	ggtctcgatc	tctgacctc	gtgatccgcc	cgccctcgcc	240
tccaaaagtg	ctgggattac	aggcgtgagc	cactgtgccc	ggccttcaat	tttatttaat	300
aattatgcat	gtgtgggatg	caatgngata	ttttgatacg	tgtatacaat	gngaattgatc	360
aaattaggtg	acttaacata	cctgncacct	aagaatggnn	ntnataatat	ttatttg	417

<210> 7355

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7355

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ttttataatc	caaaaggaaa	atgattcaag	aaaggatttc	attgtgctca	gtttcaaaaa	120
atataaaaat	ggacatcaga	ttagagatac	aagttcatac	gctgaactga	attgtacata	180
ccaactgcct	ggctatggaa	accctgact	tgacttaggg	gtgctgatga	catgatctcg	240
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ttcagtctgt	gcaataaaga	gatcctgtat	gaaatccact	cattccttgg	aaggnaactg	480
gccngaggca	cgctctgggt	gacggtgacg	cacaagtctt	canggnctgg	antgnatcat	540
gacacagacc	cncgtgaaca	ccca				564

<210> 7356

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7356

008220.645290

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tcactgtagc	ctcgaattcc	tgggctcaaa	caatcctcct	acctcagcct	cccagtagt	120
tgggactaca	ggcctacacc	accatgcctg	gctaattttt	aaatttattt	ttatttttgt	180
agagacaagg	tctcactatg	ttgcccaggc	tggctctcaa	gtcctagcct	caagtgatcc	240
tcccatttca	gcatcccaaa	gtgctgggat	tacaggcatg	agtcaccatg	cctggcctca	300
tcctcctcct	tctctctccc	aagttgccc	gctacctctg	gaaagcattc	cactggctgt	360
ggctgcccct	aaaccattaa	gcaagtgaat	ggtagtacta	cagaccttgg	atcaagacaa	420
agaatgtccc	agatngggga	atcaggacca	aggacttaag	gttgcatat	cagncccaaa	480
cacctaagtg	ggcagggttg	gaaattcttg	attactgnna	agngcttctg	gaaaaggatg	540
gcaaggttgc	aagcctactn	tcnccg				566

<210> 7357

<211> 541

<212> DNA

<213> Homo sapiens

<400> 7357

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gcaaatgaac	ataaaaacaa	caatgtcagc	agcattaaag	tgcttttggc	catacttctt	180
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tttttttttc	aaaaagagca	caaaatccat	tgggaattgtg	tgacagtgat	tttccctgac	360
atgctgtgaa	gtggcccctg	tccattcagg	cccggcacac	gccgggaaca	tccaccacaa	420
gcatgtccac	ctggcaaagt	ccatcaactn	gnccacacac	acaggacaga	ctgagggcctt	480
taaatcccag	ccggtntgtg	acngggcatt	anctgggatg	nggccccaac	aggncccaag	540
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<210> 7358

<211> 433

<212> DNA

<213> Homo sapiens

<400> 7358

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gcgtcttcgg	ggcccagctc	aagggtgac	ggacactttc	gtccgtgggg	gacccaggcc	180
ccgcttctcc	gcggggcggt	ttttcttttt	ctctgccaca	agtgcctcac	cttcccctca	240
tgggccttct	gtccgacttg	gggtacccct	agtggccaga	cgcacaccct	gggttcgaaa	300
ctgggacact	aggttccccg	gggcccagcg	caagggtga	tgggaagaca	ctttcttctt	360
tggggaccca	ggctctgctt	ntccgcggcg	tttttttgnt	ggtgttgntg	ntggttngtt	420
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<210> 7359

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7359

cgctcttggt	gcccaggcta	gagggcaatg	gtgtgatctc	agctcaccgc	aacctctgcc	60
tcctgggttc	aagcaattct	cctgcctgag	cctccggagt	agctgggatt	acaggcatgt	120
gccatcacgc	tcggctaatt	tttttatatt	tagtagagat	ggggttttct	cgtgttggtc	180
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ggttctttta	aaaaaaaaaa	aaaattgcta	ctaggtaata	ttattcacct	gggtggaaat	360
gaccgagtaa	gaaaggtagc	agagagcttg	caatattgaa	tcaagtctga	tatattgcga	420
gaatgctgct	ggcaaagaat	cattaattgg	aaaagtagaa	aaaaagaaac	tgngaaataa	480
gcagnccaaa	agccaaacca	aaacttggtg	gaaacacatt	gatttgccaa	tcgtaaaagt	540
ntaagggn						548

<210> 7360

<211> 148

<212> DNA

<213> Homo sapiens

<400> 7360

gccaagcccg	tgggaattgc	catttattcc	caaagttgcc	aaaatcatca	ccaaggattc	60
accgagggtg	cgtgagcggg	tgcgtgaggg	gaacgaggag	gctcaaacac	tgactggggg	120
ttgggagttt	ggagggaggg	gnnnnnnn				148

<210> 7361

<211> 469

<212> DNA

<213> Homo sapiens

<400> 7361

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tgaatctacc	tagaaggtag	ttgtttttcc	acaaaattgg	gtaaacagaa	gttgctgctg	120
ttatttgga	cttaacagac	agcagttagt	aaagtcaata	aaaagtatta	ggggccgggc	180
gaggtggctc	atgcctgtaa	tcccagcact	ttgggaggct	gaggtgggog	aatcatttga	240
ggtcaggagt	tcgagaccag	gctggccaac	atggtgaatc	cccgtctcta	ctaaaaattc	300
aaaaaaatta	gccaaagtgt	gtggcgggca	cctgtaatcc	cagctacttg	gaggctgagg	360
caggagaatc	gcttgaaccc	aggaggcana	ggttgcaatg	agccaaatcg	cgccactgct	420
tttcaacctg	ggcgactgag	ccagactctg	tctcaaaaaa	aaannnnn		469

<210> 7362

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7362

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aaagttgatt	gggattaagg	agaacctggg	tataagagga	tctggtacag	agaggtctca	120
ggatcttttc	ctgagtggga	gtacatacga	ggtagggaag	agaaaacaac	aaaccagaac	180
aaagttgctg	ctcccaggct	ctctttcatc	ctccaccttc	ccacacagca	ttctgacagc	240
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003220 69462960

tgagctccct	ctgctttag	ccaggcacca	tgtagtgat	ttccacctca	gggctttcct	360
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tcactctttc	ccaacttccc	ccagcccaac	cttttgccag	cttccttcac	tcactggaat	480
tttccctctt	ctactattnc	nggaaccatt	tatttcattc	aagccaggaa	gccatgccat	540
tgccagaaaa	cnccattttg	g				561

<210> 7363
 <211> 526
 <212> DNA
 <213> Homo sapiens

<400> 7363						
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caacctccac	atntcgggtg	caagcgattc	tcctgcctca	gccttgcaag	ttagccaggc	120
tgtttacaga	taccaccac	cacacctagc	taatttttgt	atttttagta	nagacgggat	180
ttcaccatgt	tgccaggct	actctcaaac	tcctgacctc	aagngatctg	cctgccttgg	240
cctcccaaag	ngctgggatt	acaggcatga	gccattatgc	ccggctcatc	tcttaacaca	300
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actatgggat	aaggatgttt	aatactaagg	gaaaaattaa	ctggtggact	ggcttctata	480
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<210> 7364
 <211> 536
 <212> DNA
 <213> Homo sapiens

<400> 7364						
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gcacctgcca	ccacaccogg	ctaatttttg	tatttttagt	agagatgggg	ttccaccatg	180
ttggccaggc	tggtctcaaa	ctcttgacct	caagtgatct	gccacacctg	gcctcccaaa	240
gtgctgggat	tacaggcgtg	agccactgtg	cctggccacg	aagttcagac	cgtagagttt	300
ttcataatgc	aattgaaacc	ttatatctt	atgtttcgga	caggctgggt	acttaactta	360
aatctttgaa	aaaaaaattg	aattcaactc	tcagaaagct	tatggccttt	tcagagaatta	420
taagtttaca	aatacctggc	atgcacttaa	gtgataggat	cagattanna	aangngcaac	480
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<210> 7365
 <211> 538
 <212> DNA
 <213> Homo sapiens

<400> 7365						
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tttcgagcag	caggttatgt	acacagtatt	aaaaaaggaa	tatagattgg	ggttgttttc	180
tttttttaaa	aaaaccagtt	tgagtagctt	atctggcctt	gtgtcaaaaa	caagccaaaa	240

09629459.072800

gttttggaac	tggtctggaat	gtgctgaggg	gcaacttggg	aaaacggcag	ggctcactca	300
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taggtataga	aagctttggg	cagtaaaaac	aaattagtga	actgaatgaa	attttaaata	480
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<210> 7366
 <211> 524
 <212> DNA
 <213> Homo sapiens

<400> 7366	
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caggcgcatg	ctaccatgcc
atgttggcca	ggctgggtct
aaagtgctag	gattacagaa
aacatgattt	cataatagac
ataatagtct	gaaaaaaaaa
ttcaacctat	taagttctgg
ncatcttatt	ttaaaggggc
cccaggcttg	agtgcagtga
agcgattctc	ctgcttcagc
cggttaattt	ttgtattttt
gaactcctga	cttcagggtga
gtgctcggcc	tcaaaaattt
tgcatactta	gtgttacgct
aattgtataa	aggaaagtct
gattttggna	actgaagacc
tatgctnaac	tnaantggcc
gctcactgca	
actgggatta	
gagtttcacc	
ttagcctccc	
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attaaaagta	
atgggtagct	
tcccaanagg	
taaa	
60	120
180	240
300	360
420	480
524	

<210> 7367
 <211> 536
 <212> DNA
 <213> Homo sapiens

<400> 7367	
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tcctgtctca	gcctcccaaa
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attcatactt	cctatcatct
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cacagagtag	gaaaatgtat
ttgcagaatt	taaaaccttt
gaataaatcc	atataactaa
ngacccccca	ggtgaaactg
ttgcccaggc	tggtctcgaa
gtgctaggat	tataggtgtg
ccataaggta	aaggtttgac
tcattgttaat	ttttaaacat
tagatagcca	ataattttat
ccatttgccc	ttttcttgtg
tagaacatgt	gtccatgtgg
gcagatatag	aatgcaaaat
gtttangagc	tggggggtaa
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agccaccatg	cctggccata
attaatgaca	gtgaatatag
tttgtccaac	ttatcaggtc
cctgtaatat	gtttgatgag
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aacngaata	
caatnt	
60	120
180	240
300	360
420	480
536	

<210> 7368
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 7368	
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ctttaaatca	gctttcaaag
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aacaccagcc	tcaggagagc
gcttttttca	gccaacagct
ccaagggagg	tcaactcaaa
ctaattgatgc	ataattccta
ctgtctgcct	ttctcggcca
cttaggtgga	gcaacactca
agggtcctaaa	
60	120
180	240

ttgggcagct	gggaaatctg	cactagagac	atgacaaaag	aagtcaaaag	ggacacagtg	300
ggagaatgac	tgtcaaagag	gctggagtct	ctggatgttt	aaacctgtgt	ttgaaaagtc	360
ttacagatca	caaatacagt	cagtaaggaa	gcacaacccc	ttggtggcca	actggattat	420
catctgaaca	caccagacaa	tgattactga	ttacagaatg	gggaaaaggg	aagcanaggt	480
gggtncanc	nttttttggg	agaattttna	ccgcatttcc	atttcttctg	gaatactggg	540
cctgc						545

<210> 7369

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7369

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ggctcgccac	aacctccacc	tcccagggtt	gagtaattct	catgtctcag	cctcctctcc	120
tgagtagctg	ggattacagg	tgtgtgccac	tatgcctggc	taattttttt	gtatttttag	180
tagagatggg	gttttgtcat	gttggccggg	cttgtctcaa	agcctggcct	caagtgatct	240
gcctacctca	gcctcccaaa	gtgctgggtat	tacagggtgtg	agccacagca	cctgggttaga	300
acgcattctt	tctatagtat	caattaggca	gcaacatgcc	caggaaagca	ggccctggaa	360
acaaatcatg	attgggtgcat	cacagaaatt	tcttctttgc	tggtggaagg	actaggaagt	420
ggggccgagt	cataagcaga	ngtcaagggtg	gagcctttca	naagaggact	ttctttcctt	480
gacaagccnt	tttggagaag	aaaggaccat	ttttcnggcc	tttaattcnt	tttggttcaa	540
ggccttaatt	tgg					553

<210> 7370

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7370

gagatagggt	cttgcctctgt	cacctagggt	ggagtacagt	ggcacaatca	tagctcactg	60
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tacagggtgtg	agccaccata	cccagctaatt	ttttaaat	tttgtagaga	cgtgggtctt	180
ctatgtttgcc	caggctgggtc	ttgaactcgt	gggttcaagc	aatcccttca	ccttggccctt	240
ccaacgtgct	gggattatag	gcatgagcca	ctgtgcctgg	ccctttgttg	catttctaatt	300
aaacttctta	gaagagacca	aacagtttga	tttttaaagt	caagtacaaa	tttctattaa	360
ggaagtactt	attttcagtt	aaataagtca	taaaatatac	caagaataaa	gtttgtatct	420
agctagaaaa	actggcagaa	gtttcttaga	acattctgng	atcatattta	taccccggtta	480
tcatcactgn	caaaaataaa	aattggaaac	tagatcactg	gcngnttata	atcnggaagc	540
cctctnaa						548

<210> 7371

<211> 554

<212> DNA

<213> Homo sapiens

<400> 7371

aggaagcaga	aatcaatca	tccctctttc	tctttcccag	cgtggctggc	caccacaaaa	60
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aacaggtatt	tcttttttaa	gccgatgaca	cacagtatta	caaagacaga	gataactgcc	120
ctgggtcatg	ggaggagggg	aggctttata	accaagtaaa	tttgagagaa	tactggatta	180
aaaaaagcta	agcaagtttc	tttactgaag	ggcttcttag	agccattaat	aagcttatta	240
ataagcttat	aggctccttc	gttctctaag	aggggaacat	ttcgtcatgg	aatccactcc	300
tcatagagca	tctcggagga	ccaagttttc	actttgagaa	acacttccag	aaaccagcc	360
cgttatcatc	cctggctcan	gaggggtggt	cctgaagctg	tggttcttgg	ctacgtgct	420
ctggggactt	gcagaatccc	ttcttctgaa	aaagtatgtt	agttcgcag	caccacatn	480
gaangatcta	taanggccga	ctnttttaaa	ctcantattg	ggagcccaaa	tagggtagg	540
gaaanaagcc	cttt					554

<210> 7372

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7372

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gccgcaactt	ttaaagaaat	tcagtcacct	gagggccact	gaatttcctg	ggcctccatg	180
gacaggtgct	gaagtgtcca	catataccag	catcagcaga	actctaactt	ttacacagta	240
ggtgctcaat	aaagagaggg	caagaccacc	aactgggaag	gacctccttc	ttagtaatga	300
taattttcct	ttgcaggtga	aacagctcaa	catgcaagt	actggcactc	accacaactt	360
cttgacgac	ttctcttctc	catgaagata	tttttgnctc	tcttgctcca	ctaggacgcg	420
ctgtcgtgc	acgggatccc	ccagtctctt	cattgggtcc	atcactttgc	cactgatttc	480
agctcgggct	tnttcatcat	tggcctnagc	aacttctggt	ttgnanctgg	gaacnccaaa	540
aatcaacctt	agggggtntg					560

<210> 7373

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7373

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aggcatgcac	caccaggccc	agctaatttt	tgtattattt	gtagagatgg	ggttttgcca	180
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aagcgctggg	atgacaagt	tgagtcacca	agcctggctc	atttactctt	taacagaaaa	300
atttattgca	cagacatttg	taatgaatca	gtaacattaa	caaataatac	caacacacct	360
caatgccttc	atgctatact	taaaaaacag	aaggggagaat	gggatcactg	tgcaagaaat	420
aattcttcac	agaaagtttc	atgtgagggt	ttccaaaagc	ccccttgtag	ccattccctg	480
gtgggnactt	aactttcaag	gaactttccc	tgggaaagga	ggccttttat	attgnatttg	540
ctttaagggc	nanacctggn					560

<210> 7374

<211> 547

<212> DNA

<213> Homo sapiens

09529469-072800

<400> 7374

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aaaacaagtc	agcaagctct	taagagggca	gcaaattctt	cacaagtcan	agggctcctg	120
aaccacaaaa	aagacaagaa	gtgagtgtaa	gattataaaa	tgtaaatgat	gaaattccag	180
aacaatgtac	ttttctcaag	ctctgctgca	aatttaacac	aaacatcagn	gttaattaca	240
ctttgtcatg	tatgactgag	cttgctttta	gctcttacac	tgaaaggaag	tctcatttca	300
tgcacaaaaat	ctgttgcag	cctggcttcc	ttaataaaaac	tacagtigaa	catttccagn	360
gtcaaaaaaaa	attcaacgaa	gctaaactac	aggaaaatgc	aggttagtag	acttttaact	420
aatgcttctg	aggaataata	taaagttatc	aaactgatac	ttagaaacaa	aagaaaagac	480
attggcatct	tggnaatttc	attagtttca	ataccaaca	ttntcnaagc	ataaaaattt	540
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<210> 7375

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7375

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AGGTGTGAGC	CACCACACCA	TGCCTACAGA	AGGCTTTAAA	CATTTC AAC	GTGAGTCATA	180
CAGTAAC	AAAATTACAC	GTTGTCTTCT	CTTACAAGCA	GTGACTTCAA	AGAACACATC	240
AAATTCTTCC	ATATGGTTGT	TTACTTCTTG	TAACTTCATA	GAGAAGTCTC	TATTAAGGTG	300
TTTGTAACC	CTTGGTTTTT	ATTTTAAAT	GGTTAAAGTT	TAGGACCCCC	ACGATAAAAG	360
AATCTGTGAT	ACAAAGCTTG	GGAACACCTC	TAGAGAGATG	TCCAAAAGAA	GGAACAGATA	420
ACCTTATGAC	AAGCAGAAAA	GGGAGTTCTA	TAAACTCCCT	GNCTTTTAAAC	CCCTGAGCAA	480
ATGNTCTAGC	ATATTCTGGC	ATCGGTTGCG	TTTATCTCTA	ACTCTATCTC	TAAATNCAGG	540
TTTTTTTTCC	TGNGCTTNGG	A				561

<210> 7376

<211> 508

<212> DNA

<213> Homo sapiens

<400> 7376

GAGACAGGGT	CTCAGTCTGT	TGCCCAGGAT	GGAGTGCAAT	GCCGTGATCT	CGGCCACCAC	60
AACCTCCACC	TCCCAGGCTC	AAGCAATCCT	CCCACCTCAG	CCTTCCAAGT	AGCTGGGACC	120
ATAGGCACAC	ACCACCATGG	CTGGCTAATT	TTTGAGAGA	TGGAGTTGAA	CTCCTGGGCT	180
CAAGGCATCA	GCCTGCCTTG	GCTTCCCAAA	GTGCTGGAAT	TATAGATGTG	AGCCACCACA	240
CCCAGCTAGC	TGTGAGTGTT	CTTTTAAATG	TTGCGTATAT	TATGATGTTT	TGACATCTTA	300
AAAACAAAAC	TAAATGAAAA	AGAACCCTTC	TAGCTGGGGA	ATGACTGCC	CTCCTGGGGT	360
TAGCCAAGTC	TTATGATAG	CAAGGGCTCA	GCCAGGAGTA	TGCCCTTGAT	CTGCAAACTG	420
ACCAATCCAG	AGACTCCATG	CCGNTCTAG	CANGCCTGTA	CACCACAGGA	GACAATATTC	480
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<210> 7377

<211> 559

009220.69462960

<212> DNA
<213> Homo sapiens

<400> 7377

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tcgatcttat	atttgaggaa	tgggttgcaa	cacgattaac	cacatcttgc	ttcctccttt	180
ccttagcaat	ctcgtttgct	gcagcaacca	tccgtgcccg	cagctctctc	aaggatgggc	240
tgccgccagc	gccagctgcg	gcgccgtccg	ccatcatcag	caaggcggcg	caattctgtc	300
aaaatttttg	ttgccgcctc	ggcattcata	atacctgcag	tactcttatt	accagactct	360
tcatagatca	tatgcctttg	gctcaaagcc	tcacatctgt	tagtggtttt	agaaactgtt	420
tcttttttct	ttttgacagt	acttgatgca	ctttgcacag	acagggtgtg	ttgaataggc	480
attattttat	aagggaaaaa	antctggggn	gactggtttg	naanaaaggg	gaaaggggaa	540
nggagggcaa	ntntttttg					559

<210> 7378

<211> 481

<212> DNA

<213> Homo sapiens

<400> 7378

cagatgaagt	ctcgcctctgt	gacccaggct	ggagtgcaat	ggcatcatct	tgtctcactg	60
caacctctcc	ctcctgggtt	caagcaactc	tcctgccccg	gcctcccacg	tagccggggac	120
cacaggcgcc	caccaccaca	cctggctaac	ttctctatct	ttagtagaga	cggggcctca	180
ccatattgcc	caggctgata	ccgaactcct	gacctcaagc	aatctgcccc	ccctggcctc	240
tcaaagtgtc	gggattacag	gcatgaggca	cgttgccagc	ccattcaacc	attaatgcat	300
tacttttagtc	actcacggcc	catctcaatg	aaattgaggg	caaagaccag	ccggntcagg	360
cagtgtcagc	cctcanaatt	tattagtgag	ggcncactgc	gttcagggga	aggcatanag	420
gagggactgc	agttcctggg	ctnttnaana	ggaccccan	cccttattaa	aaagttgnga	480
c						481

<210> 7379

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7379

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tgaggtcagg	agctcaagaa	cagcctgacc	aatatggtgt	ttttttcttt	tttaaagaag	120
aacaatcaat	catattgcc	gaagaatcaa	tgaccagcc	ctactgcacg	ccgagtgggt	180
gcgacaggct	tagatattgt	tagaggtttg	cttctgctgc	caaaccgttt	gcattctcct	240
ggggacagtg	ctctcctgat	gtgactctta	ttctgaattt	agagcagaag	gtggtggcat	300
atacctggtg	agaccagggg	agggcaggat	cagcaccatg	aagatcaaga	atatgtagac	360
tttggtcatc	atgatctggt	tttccccga	cctgcaggaa	gtcaaagggtg	agcactcgca	420
gtccccaaa	tgctctatgt	gccccagtg	angcccctgg	catgtgcccc	ctggctgagc	480
ancttggggg	ntaagggtgtg	gaccaaggga	ccggcanaga	tatncctntt	aaggcaaggc	540
cttgggcttc	ccggcaacn					558

<210> 7380
<211> 501
<212> DNA
<213> Homo sapiens

<400> 7380
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gtagttacaa tcacagctca ctgcagcctt gatctcccaa gctcaaggga tcctcccatc 120
ttaacttcct gcatagctgg aactacaggc atgtgccacc acatcaggct caattttaat 180
tttaatttaa tttttttgag acatagtctc actctgtcgc ccaggctgga gtgagacccc 240
atttcaaaaa aaaaagtgcc aaatgngtcc cttcaattcc agtcagcact tttggaaaaca 300
cgcgtaaaat tgttgccaat gtgcattctg nggttttggg agtcattgtg caaaatgcgt 360
gggcagcaag cactcttttg ngaaccaagt tctatgaacc accaagtatt ctttctctag 420
gctgaattcc aaggctntgg ttcaaaaanag tncagggttc tgaaaggaan gggattggac 480
tatggatgcn gntttcttnt t 501

<210> 7381
<211> 501
<212> DNA
<213> Homo sapiens

<400> 7381
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tactgcaag ctccgcccc caggttcaca ccatitttct gcctagcctc ccaagtagct 120
gagactacag gtgcccgcga ccacgcccgg ctaatttttt gtatcttttag tagacacggg 180
gtttcactgt gttagccagg atggtcttca tctcctgacc tcatgatcca cccacctcga 240
cctcccaaag tgctgggatt acaggcgtga gccaccacgc ccggcccatt ttctgtcttt 300
tctccactgg ctttattttc tcctcaccgc gttccccctt accaaaaaaa agtggggcaa 360
ctaggccagt acaagacagt catcagcctc agggcctgtg cgcacacggg tgtgctggan 420
atgctggcat ggatgggggg ggtgggattt gcttgagtgc tcgtctntga cangnccant 480
naggnatggt tctctacatg g 501

<210> 7382
<211> 565
<212> DNA
<213> Homo sapiens

<400> 7382
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tgtgaaagcc aaaagaaaca actgctatag atcgccaaac ctactggta atatacggct 120
tttctttttt gctttgagaa ttgctcatca ttttccaca tgtaagttca cagacttta 180
tcaaaggctt cttttgtcat aactaccaat aatcggaact aggattttaa aaggctggta 240
ccagtcttcc aagctactgc cttcccagct ctactgtatt caagacagca acctaaggct 300
gcaaacaact catgcttttag gaggaatga gcaaagagac atctctgaac cccgctaaag 360
atttcagcag gatggccagc atctcccaa aagccaagtt tccagctttc ccataatagt 420
tcaccaggct gtcacttttc atgnactttg atcccgnitt gccaaagttt tcttnccact 480
ttcctttatc aaggagggtcc ccagnccaac cttagccccg gaaccaagcc ncagatccga 540
aaganccnac ttttcgggac aagan 565

<210> 7383
<211> 564
<212> DNA
<213> Homo sapiens

<400> 7383
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cacctaaaat aattcttata atctattctt cttcaggtaa aaatggagcc ctggatgtta 180
ttttaacgac ttgccatcct tcctgttttg agagtgtctt tgtaaactgg tggcatacct 240
tcgtgaccgc gtccctacctt cctcattcag acctgtgctg ttcattgctg tattcccagt 300
cccttaaaaa gtactcaaca cgtgaattgc aaaatgaatt aacaactttg agggaggtgt 360
tattatcatc ctggctttac agatgaggaa actaaggttt acttagcaag attaagtaac 420
ttgcctangg gttacaaacc actagccagg aaacaaaccc acatntgacc ccaaaggcct 480
tggttttact ntancctact ggntagaaaa gctttttaaa ggcttgcctt ttggggccta 540
ctgggggagcag tttnttttta aagg 564

<210> 7384
<211> 484
<212> DNA
<213> Homo sapiens

<400> 7384
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caacctctgc atccanatt caagngattc tcttgccctca gcctcccaag tagctgggat 120
tacaggcgcc tgccatcacg cccactggct aatttttttt ttgtatttt tagtaaagac 180
agggtttcac tatgttggcc aggctggtct cgaactcttg acctcaggng atctgccac 240
ctcggcctcc caaagngctg aaattacagg catgagccac cgtgctgggt ccctaactat 300
atatttccag gcaccatntg ggaggtactg gcttagcaga ctgaggcagg actgactcag 360
gggaagctga atgcctgcag tcagatccag agagcctttt ggacaagaag gggacaagcn 420
agaaccncng aagtcaggga aggggggaaan ggaatcttgc agggcantat ancaancgtt 480
gagt 484

<210> 7385
<211> 563
<212> DNA
<213> Homo sapiens

<400> 7385
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tgatccaccc gcctcagcct cccaaagtaa gttttgttcc agttctcact gtgggtggct 120
gtctcctcac agtgacttaa cacctgcttg tgaattcctg caactatgta attacaacat 180
ggttgacatg caaagaaata tggcttatga gaatttaaaa gaaaaatcaa tggctttatg 240
tttattcatt agcagggtgag acaattattt ttgaaactaa cttttttttt aagatgccaa 300
cagcactttg ggaggccgag gcaggcagat cactaggtca ggaaatcgag accgtcctgg 360
ccaacacagt gaaaccctgt ctctactaaa aatcaaaaaa attatctggg tgtgggtggg 420
tgccgcctgg agtcccagct cttcaggang cttgtggcag gagaattgtt gactctggaa 480

gnggaagctt gaatgagcca agaatggacc actggacttc ancctggcaa canaangaga 540
cttcgnttcc aaaaannttt cca 563

<210> 7386

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7386

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tccacaccac	agcacgcttc	tgggggtccag	gagaccgcct	tcactactgt	gctggccccg	180
cctgtgtacg	ggccccgggg	ccggggccatc	cagggtgcct	gtgggtgctca	cacccccatg	240
gcgctcttct	cgctgtcttt	gggggtgggc	tcctccggag	tcttcttcat	ctcccagccc	300
ctgaccag	tgtaggcgga	ggagccgccc	agcaccatca	tggtgctcgt	ccaccagagg	360
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anccnatggc	aaagccnaac	aggccggcca	anggnattaa	tccccaaaa	tgggcacttg	540
ccaaattggg	caaagtaccc	aagggtga				569

<210> 7387

<211> 554

<212> DNA

<213> Homo sapiens

<400> 7387

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cttaaaaaaa	agaaaaaatt	aaatcacaaa	gtcccactta	agtcaaaaatc	ttcgtccgct	180
ttttcagcct	tccttctctg	agaccctggc	ttagtcatct	gagatggaaa	gtctgctgaa	240
gatgggcagg	cgtcttgagt	tgtccaaggt	cggggagtct	gagccactgt	ggctgctgct	300
ggagctgctc	aggtagccct	cctgggtccc	agagagaagt	cctgagggct	gggggggagaa	360
gtcaaactg	tgaaggggac	tccgacatgg	gcccgggaaga	aggaaggtgg	gtcgggggaag	420
ccacccccgg	cagncccatg	ctaggggcaa	aaagcttggc	agcttctggc	tggaaaagca	480
aaangggat	tgggccatcg	gcanggtagg	tgaanccngg	aggcattgng	ctcaaaaana	540
gggggggggn	aatg					554

<210> 7388

<211> 497

<212> DNA

<213> Homo sapiens

<400> 7388

ganacaaggn	cttgctntgt	cacccagggc	tggagtgcag	nggtgcatc	atgatcttgt	60
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ctgggattac	aggngccgc	cactaagcct	gactaatttt	tgtattttta	atanaaatgg	180
gatttcacca	ttttggctcag	gctgggtcttg	aactcctgac	ctcaagngat	ctgctcgcct	240
aggcctccca	aactgctggg	attacaggct	tgagccaccg	cccctgactc	caaataaata	300

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tttgntctaa	tcttgctatg	gcgaatgcan	ttggatttga	ggtcttgtat	anacctgggt	360
tttaggatgt	agcagaactg	gattaatatc	ctgcatcacc	atttattaac	agcattgcta	420
aaacnaagct	atgnntcctt	tctgaaccct	ggtttctcat	cttaaaaaac	aagtnnttga	480
ataaattggc	cnttnta					497

<210> 7389
 <211> 560
 <212> DNA
 <213> Homo sapiens

<400> 7389						
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taacagctgt	tacaattctc	aaccatgact	tctaacgtca	gagaattcaa	agtatgaaca	120
tagtacacag	taatgaaaag	tatcaaaaaat	taattttacct	caaaaaagat	aaataaaaaca	180
ggtatattcc	accaatacat	aaacagatgt	ttgtgctaca	gtttaaaatt	tgctgtatac	240
aaaagatcat	agtccccata	atcagcttat	gatagaagca	agaatacatg	agccatttaa	300
attgtcagac	attatgcttt	ataaggtagt	cacagaagtt	caagcaataa	atacatacat	360
tagttcaaag	ccttacaata	gtacacgcaa	gcagatgcag	aaaagcagat	ttgctattac	420
tagcaagcaa	tgatataaga	gtaaaaattc	atgaaatgca	tcaaagcaca	tttttcttag	480
aaaaaggctg	ggattttatng	gtccccacac	nttttacnta	atatgcccac	ttttcaaatac	540
cggncacgcn	tttagggacn					560

<210> 7390
 <211> 562
 <212> DNA
 <213> Homo sapiens

<400> 7390						
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tccgccagcc	tctgcctccc	aaagtactgg	gattacgggc	gtgagccacc	gtgcacagcc	120
agtgacttct	taatataatat	cctaaagcgc	aagaggcact	ggatatttgt	ggagtcttga	180
taaccaccag	ggagggggccc	aaggtaggag	agaacaattg	ttctgagaga	caagtaacca	240
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cagacagccc	cttctctgta	gtggctacat	attgcaccct	tgcaatgaaa	tttcatactt	420
tctctaataa	atgngcctt	tatttttctt	cccctacact	ggcttggtta	attccttacc	480
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 <212> DNA
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cggcctgtgt	ggtatttttc	aaaatttcaa	caacaccgtc	ataaacagga	aaaccgtttc	360
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<211> 559

<212> DNA

<213> Homo sapiens

<400> 7392

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tacaggcacc	cactaccaca	cccagctaatt	ttttgtatt	ttaagtagag	acgggggttc	180
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cctgtcccca	cccggcacca	gctgccacaa	cctgaaaatc	cgcttgctgc	caagagctgc	480
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<210> 7393

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7393

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gcccttcttt	tcagaagtaa	tttatctgac	aaggatggca	gaagaccaat	tattggcatc	240
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<211> 566

<212> DNA

<213> Homo sapiens

<400> 7394

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<210> 7395

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7395

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gttgtttttg	tttgtttctt	tttagagaca	agatcttgct	tgattgcccc	ggctggagtg	360
caatgacacc	atcatagctc	actgcaaaact	cgaattcctg	ggctaaagca	atcctcctgc	420
ctgagtcctc	tgggtagctg	taactacagg	cacacactac	cacaaacaac	taattttttt	480
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<210> 7396

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7396

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cctcaaattc	tttttcttat	taagtatgtt	gagtaaactg	accgtgggtt	tgtgtataga	420
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<210> 7397

<211> 574

<212> DNA